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<212> DNA  
<213> Homo sapiens

<400> 8101  
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<210> 8102  
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<212> DNA  
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<400> 8102  
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<210> 8103  
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<400> 8103  
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<210> 8104  
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<212> DNA  
<213> Homo sapiens

<400> 8104  
accaccatt ggtaaaatat tcagggaac ttggtttaaa agtttatgct 50

<210> 8105  
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<213> Homo sapiens

<400> 8105  
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<210> 8106  
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<212> DNA  
<213> Homo sapiens

<400> 8106  
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<210> 8107  
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<212> DNA  
<213> Homo sapiens

<400> 8107  
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<210> 8108  
<211> 50  
<212> DNA  
<213> Homo sapiens

<400> 8108  
tagttagagt ccaagacatg gttcctcccc ctttgtctgt acatcctggc 50

<210> 8109  
<211> 50  
<212> DNA  
<213> Homo sapiens

<400> 8109  
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<210> 8110  
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<212> DNA  
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<400> 8110  
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<210> 8111  
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<212> DNA  
<213> Homo sapiens

<400> 8111  
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<210> 8112  
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<212> DNA  
<213> Homo sapiens

<400> 8112  
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<210> 8113  
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<213> Homo sapiens

<400> 8113  
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<210> 8114  
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<212> DNA  
<213> Homo sapiens

<400> 8114  
aaaaacggtt tatgggggta gggaaacagg ccgaaaagaa cgtggagaaa 50

<210> 8115  
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<212> DNA  
<213> Homo sapiens

<400> 8115  
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<210> 8116  
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<213> Homo sapiens

<400> 8116  
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<210> 8117  
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<213> Homo sapiens

<400> 8117  
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<210> 8118  
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<212> DNA  
<213> Homo sapiens

<400> 8118  
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<210> 8119  
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<212> DNA  
<213> Homo sapiens

<400> 8119  
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<210> 8120  
<211> 50  
<212> DNA  
<213> Homo sapiens

<400> 8120  
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<210> 8121  
<211> 50  
<212> DNA

<213> Homo sapiens

<400> 8121

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50

<210> 8122

<211> 50

<212> DNA

<213> Homo sapiens

<400> 8122

atcagtagca aaacaaaccc agcaacttct gtccagcatc tgctgtaggg

50

<210> 8123

<211> 50

<212> DNA

<213> Homo sapiens

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50

<210> 8124

<211> 50

<212> DNA

<213> Homo sapiens

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50

<210> 8125

<211> 50

<212> DNA

<213> Homo sapiens

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50

<210> 8126

<211> 50

<212> DNA

<213> Homo sapiens

<400> 8126

ttttgggaag aaaaccctat gcactgaaa tacaattggc aatggaagct

50

<210> 8127

<211> 50

<212> DNA

<213> Homo sapiens

<400> 8127

ctctttgttg ctactcattt ctctccggcg tctgctgagg ggtaggtgtc

50

<210> 8128

<211> 50  
<212> DNA  
<213> Homo sapiens

<400> 8128  
caacttcctc ttggttacc agaagaacag cagcaccgtg atccagagca 50

<210> 8129  
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<400> 8129  
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<210> 8130  
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<212> DNA  
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<400> 8130  
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<210> 8131  
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<213> Homo sapiens

<400> 8131  
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<210> 8132  
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<212> DNA  
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<210> 8133  
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<212> DNA  
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<210> 8134  
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<212> DNA  
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<210> 8135  
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<210> 8136  
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<400> 8136  
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<210> 8137  
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<400> 8138  
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<210> 8139  
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<210> 8140  
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<400> 8140  
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<210> 8141  
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<212> DNA  
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<400> 8141

gacctccaga atttcctcat cgctgtcggg gaccaagtcc acagacacta 50

<210> 8142  
 <211> 50  
 <212> DNA  
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<400> 8142  
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<210> 8143  
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 <212> DNA  
 <213> Homo sapiens

<400> 8143  
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<210> 8144  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(290)  
 <223> N=A,T,C, or G

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 taatgggtgat acataccaat aangggaaat ctagtgggtg taaactgttt atgcctcatt 120  
 ctatgaaagc tgaaagattg ctgttagctg tatgatgtat aatgctaata gcgatanggg 180  
 tacattgtct tctacagact cctacatatg tatgattatc acagtatgat gccagatact 240  
 aacattcata ttgaacaaat ggctggcgtg ggtagatgtc aagagaacat 290

<210> 8145  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8145  
 ggcagggtgga gaacacaaac gagtgagagc tgactgtagt cgaagatcat acaaggaaag 60  
 gtaagaaggc ctgcaagctg tgaattagac ataatacatt attaattata ggatgtaaca 120  
 ttatgtatat ggggaatata tatctaaact tatttatcaa tatttaatat tatatatatg 180  
 gggatatgtg atgtaaagc atatatatta tatatatgta ttattaataa cttttgtgtt 240  
 atgagactga atatctataa atatatgttt tattaataat tactatatgc tgtgtaagta 300  
 tcacgttata ttttgtgtgc tgactaagta agcaacgcta tgtagataca aagagttgtg 360



tgatggagtc cactggtgat acaacg 386

<210> 8146  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8146  
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 agtatatgat atatataacg tagagaagag taacatatag acacaaaaaa tatatatgag 120  
 tcatgtatta actagaaatg cacataagat aaaatggcct attgaatcat gtttttatta 180  
 tagatatatt acaaaatggc attgaaggaa acctacttat ttttcaatat gagaacaaca 240  
 gaaggctttt atgtatcacg aaaataacaa tatatctgat tttataattt ataatttaca 300  
 ttacataagc tgagaactac acaataaaaa ctcaccaata ttgaatatta tata 354

<210> 8147  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8147  
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 taaatggaaa ctgtaaaagtg attagcttga atcttttgtg cgaaagattt gtaacagaca 120  
 atcgggtgaa atcacctcgc gcatgttatg gagagattgt gacgttcagg acaaaacgag 180  
 taacagactg atcttctggt tgatactacg accaggactc caggac 226

<210> 8148  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(530)  
 <223> N=A,T,C, or G

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 atatatagac tacacaaaaa catatgggaa aaatgtactg atgctaagat aatattgttg 120  
 atatcatatt gtagaaacta taacttttaa ccaatagttg tgagcataaa tggtacagtg 180  
 atattgtgtg taatatatag tacatgtaaa aatgaaacta aatttatata taattgtata 240  
 tatgacatca acaatgtaat tgatattctt gctgttatca caacactcga aattaatgaa 300  
 tgctacagac atggattaaa aagactangc tctctaaaga gataaagaat attacttaaa 360

gcacatatta ttatgtgtaa tacactatta gaagattaga tctaaactat acaacacana 420  
 acgtacttct tttcatcatc ctctgctaca aactattgcc ctctcaaaa tatagacgat 480  
 tgctaaaaga gtctgagcga tgatgccatc aatgaacaaa cgttttgagt 530

<210> 8149  
 <211> 514  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(514)  
 <223> N = A, T, C, or G

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 taaaaaaata agaacattct gcaactgtag aaatgacccc attatatatt ttctgaaaat 120  
 gaaaacagtt acatgaaaaa aatgaccaat gaacatgtca tcatttgatg aaaaaccaga 180  
 agttattaga tgagagcagc gagtgaatct ttaaaacaga cttgatcacg cacactcaat 240  
 aagtaatatc tctccgaaac cggatgtcat tctatatctg ttagaaataa tgcatcaaaa 300  
 agaaagtaaa ttagaggata tttttgcaa tagtttatac aaaatatatg aaccaagag 360  
 attggaattt gtaaaaatgt aaaatagat gaacaatatt tgcactctac catatttgaa 420  
 catctnnatg agttcacatt catactaggt tatcaacatt gcgttctttt tgcattcatt 480  
 ctttactgtt attaaaagtt caaaaccaat ataa 514

<210> 8150  
 <211> 170  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(170)  
 <223> N = A, T, C or G

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 atgcatattg ttcttgaagt acctcggccg cgaccacgct aatcactagt 170

<210> 8151  
 <211> 162  
 <212> DNA

<213> Homo sapiens

<400> 8151

aggcgacagg gaatggcaag tttctgaagt cggcatagct tagttggtgc atccagcaga 60  
gagacagcac agggagcagc ctacgcagga agattacaac agaggaataa cacagaatac 120  
aatctgggat ggataatagt gaatggcatc cactagatga tt 162

<210> 8152

<211> 498

<212> DNA

<213> Homo sapiens

<400> 8152

cagtcttttt tttttttttt tttttttttt ttttgggttt ggaaccttta ataaaaataa 60  
aaaaggaatg caaaaagaac acaatgttga aaacttaata tgaatgtgaa cctcactaga 120  
tggtcaaatc tgggagagtg caaattttgg tcatactatt ttacattttt acaaactcaa 180  
atcacttttg ttcatatatt ttctataaac tattggcaaa aaaatcctca aatttacatt 240  
cttttggtta cattatttct aacagatata gatttacttc cgggttcgga gagaaagact 300  
tattgtgtgt gcgtgaacaa gtctggttta aagattcact cgctgctttc atctaataac 360  
ttctggtttt tcataaaatg gtgacatctt cattggaaat ttttttcatg ttactggttt 420  
cattttcaga aaaattataa ggggggggatt ccaaaggcca gaaagatcct atttttttta 480  
aaaaaaaaa ttctggta 498

<210> 8153

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8153

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cgcaggaggg ttactttaac atctccctcc tgtgtttact ccaatgtttc tccctttagg 120  
tatggctctg gtaaatcggc ttatggatgc atctgtccac accacgctcg cagcatgtca 180  
ctctgcgcac taag 194

<210> 8154

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8154

gtgcgctggc tatggacacg taaaggaatt gccacatggc ggacattgat tgcaaattgt 60  
tgaggggatg gaaaggatgt tggacgttct ggtgaaaagc tggaagatgg ccctaaattc 120  
ttgaagtact ggtgaagctg tcattgtcga tttgggtggc ggatagcttc tgtacgtg 178

<210> 8155  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 8155  
 caactattat actattctct tctgctttca ttctgatgtg gtctgtaata gcaaaataca 60  
 tgacttattt gtgtggatgg caaaacaaaa ggtgtgtgtt ggatgggtctg cttatcagtg 120  
 gatgatacaa cagtcaagca aaacctcgcg gccctaacct aaaatcgatg aatctttgga 180  
 acttgaaaga caatctggcc tgtatgaatg ggcaaacagc gaccatcatt cgaaatgaaa 240  
 ctggtaggca gtcacatttg acattcatga tcttctactgg ctactcgtcc agactcaaaa 300  
 cgctgggtgac tgtaaacagt gtcagggtttt aaccaagcgg aattccatta aatatttgcc 360  
 ccaatgctct ggaaactggg agagaatctt tgcaactgtga tagctgctac actgtgcgcc 420  
 tgaacacagc gccattgggtg gtaccccccg 450

<210> 8156  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8156  
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 ggatggacat acacttaatg catgatcaat catcaatctg tctgttatac attagttggg 120  
 gagtgggatg tccatacatt aactattgaa tgaaaggtaa gttatttaat atatttat 178

<210> 8157  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8157  
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 aacacaatgt tgaaaactta atatgaatgt gaacctcact agatgttcaa atctgggaga 120  
 gtgcaaattt tgttcatact attttacatt ttttaciaaac tcaaatcact ttgggttcata 180  
 tattttctat taactattgg caaaaaaatc ctcaaactct cattcc 226

<210> 8158  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8158  
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taagctttca tatggaaaaa cacaatcatt caaaaaatga atgacatgct gatgtatagc 120  
 aacacgcatac ataaaatgaa gagtatatca ataacatatac tatgcttaga taagtactac 180  
 cttctgtgta ttatagaaca ataagtgtgc attgggttgta ctttgcaact aacgcacggg 240  
 tatcatgggt atgcacccat catgatggag tctggattac catcttgctt ttggataaaa 300  
 cagatctatt tggggcatct acataggatt aatagagaga gaaagaggat atatgattca 360  
 taaatcatat atgctctgat caaatgcaag catcattaaa aaacatatgc tatctataac 420  
 tactcatcag attgctgtga tctatacact ctctccacat attaatactg tgaaacttca 480  
 actatagcac attactctgg atatgcaaag ttagcacggg aggacatgaa 530

<210> 8159

<211> 578

<212> DNA

<213> Homo sapiens

<400> 8159

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 taccoaatag acgccagtag caccocgaat tgacaaccca aactctccag acatcaccaa 180  
 ctgtccctc cgaggagaaa tctctctgg gggagaacca ctgacccaaa tgaattctaa 240  
 accaatcaaa tgtctgggaa gccctccaag aaaaaaaaaat agaaaaagca cttgaagaat 300  
 attcccaata ttcccgtca gcagtatcaa ggctgacttg tgttcatgtg gagtcattat 360  
 aaattctata aatcaattat tccccttcgg tcttaaaaaat atatttactc ataaacattt 420  
 gtgttttggt gaaaagatgg agtttacaaa gataccattc ttgagtcacg gatttctctg 480  
 gtcacagaat ggtgtggcat ttggaaacgg gaataaacia aattgctgca tcaatgcact 540  
 gagtgaagga agagagacag aggatgaagg gttttaga 578

<210> 8160

<211> 530

<212> DNA

<213> Homo sapiens

<400> 8160

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 taagaattat atggatggat atgatatgta ggttattatt gtaatttata cttttatgaa 180  
 ttgtgaataa ggaaatatat tctatataga ttaggagtg aagaatcagg tttataaagt 240  
 gaaataatta aatagaatgc agaatgaag agaaagggat attgtgtaac atattattgg 300  
 aagaataatt aaaatattta atatgtgtta taaaagtga gataaaagtg tatttttatg 360

aacagaattg ttatgaaata ttattttttac attaaattaa aagtgtattg agtgaatatg 420  
 ttaaggaata tttattggaa atattagagt taggtacaat tgaagaaatg tgtgaatgaa 480  
 gaagaggaag tgattactgg gtgaaattat agtgaattgg aaataattga 530

<210> 8161  
 <211> 693  
 <212> DNA  
 <213> Homo sapiens

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 aggatgggtg gtaggatatc taggactgag acggagactt gacctccacg atgcaacatc 120  
 caatgagtat gctatgtgag aaaaatgaga gattaacgag ctaaatagcag tgtgtatgat 180  
 gtgtgagaac atcacagatg gatgatcgca caagaggcat ttgcatgata tgatcgcttc 240  
 atagatggaa taatcgaact ggtgaatatg tatgagctgt gatgaatgtt gctgcagaat 300  
 ccatctgttg aaccatgtat atgcaatgtg tgaggaggct agatgaatgg atcatatcat 360  
 gatgatgtta acaatgttgg gtgagattgc tatggtgaca aatcatgtgg atgtatacag 420  
 gaatatttct ggttgctgcg gttgacaacc atgggggatc agacaagaga agtagtagag 480  
 agtgatgttg acatcgatgg gggatacgtt tataaatgat gaagtggatg acgtgtgcat 540  
 gtggagcgta tacgatagtt actaacgagt ttggagcata gtgtgagtat tatatattgt 600  
 caagttaata acgtgggtgga tgcattgtta tagttgttta ttgtgtgaaa ttgatatctg 660  
 gttataatta tggtcataat ttgtatcctg taa 693

<210> 8162  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8162  
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 agaaagagga ggtatgtgga taggagtaaa taatgtgatt ggtttatttg gtgaaatatt 120  
 atgttttggtt gtttggatat atggaggatg gtgatttttag tttggataat agagggtata 180  
 taaatgcaat ggaa 194

<210> 8163  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8163  
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ttattttgtta ggcgggagct ctctgtgca ttgtaggata attagcagta tccctggtgg 120
ctaccaata gacgccagta gcaccccgaa ttgacaaccc aaactctcca gacatcacca 180
actgtcccct gcgaggagaa atcactcctg ggggagaacc actgacccaa atgaattcta 240
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ttcccaatat tcccggtcag cagtatcaag gctgacttgt gttcatgtgg agtcattata 360
aattctataa atcaattatt ccccttcggt cttaaaaaata tatttcctca taaacatttg 420
aagtttggtg aaaagatgga ggttacaaag ataccattct tgaagc 466

```

```

<210> 8164
<211> 672
<212> DNA
<213> Homo sapiens

```

```

<400> 8164
cccttaagat tctggacctc ttagaaggaa ggctcatcta tacacttcaa ggacatacgg 60
gacctgtctt tactgtttca ttttcaaaag gtggagagct atttgcacga ggaggtgcag 120
acacacaggt cttattatgg aggactaact ttgatgaatt gcattgtaaa ggtcttacca 180
aaagaaatct caaaagatta ctttttgatt caccaccaca ttttcttgat atctacccaa 240
gaacaccaca tccccatgag gaaaaagttg agactgtaga aattaatcca aagcttgagg 300
taatcgattt gcagatctct actccccctg ttatggatat ctttcttttt gattctacca 360
caacaacaga aaccagtggg aggactctgc cagacaaggg tgaagaggcc tgtggatatt 420
tcttgaaccc ttccttaatg tcaccagaat gtttgccaac aaccacgaaa aagaaaacag 480
aagacatgag tgacctcccc tgtgaaagtc aaaggagcat acctctcgct gtgactgatg 540
ctttagagca tattatggaa caactcaatg ttttgacaca gactgtttca atcttgagc 600
agcgactgac tttgacagaa gataagctga aagactgcct tgaaaatcag caaaagcttt 660
tagtgctgtc ca 672

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<210> 8165
<211> 514
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(514)
<223> N = A, T, C, or G

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```

<400> 8165
ggcttgggct gctggggcag gggcaactgg aggcaagcgg aaaacgacga ttagttcttt 60

```

```

atgtatgata ataaattaat attaatacat atanatatat agatattatg taaatgttac      120
tatgataatg gttatcgttt atacgttatc gtaatatcat aagattttta tacaaaaatca    180
aaatacgaag actactaaca tgaggatgga gaaggaaaaa agtttctgaa tcttgaccgt     240
ggctgaggcg gagacgattc ttggacttgg agctgtatct gtatgtaa at gaaacatagag    300
gaatacgcact acagaacctt ataccaatac caggacaatg gctctgcatt taaatgatag     360
tgactgtgac tgaatacagt ttaagttaat tgttgtaggt gattgtgatt atattaatgc     420
gatagcgtat attgagatga agatctaagt gattgtgaac acttgacctt gatgtccctg     480
gacacagtg c attagcgtca tttctaggtc acgc                                514

```

```

<210> 8166
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(402)
<223> N= A, C, G, or T

```

```

<400> 8166
ggtactgtga aaccaccaac ttcagttgcc tcagactcca gtaatacaac ggtcaccacc      60
atgaaacctt cagcggcatc taatacaaca acaccaggga tggctctcaac aaatatgact    120
tctaccacct taaagtctac acccaaaaca acaagtgttt cacagaacac atctcagata     180
tcaacatcca caatgaccgt aaccacaat agttcagtga catctgctgc ttcacagta      240
acaatcacia caactatgca ttctgaagca aagaaaggat caaaatttga tactgngagc     300
tttgttggtg gtattgtatt aacgctggga gttttatcta ttctttacat tggatgcaaa     360
aagtattact cagaagaagc attcgtatcg aaccataaat ga                          402

```

```

<210> 8167
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(322)
<223> N= A, T, C, or G

```

```

<400> 8167
ttctccctta aggacttttg caagaataac aagttcattg gaatttgact ttctgacata      60
gagcagacag ccttgccctg tcatgccagg cctttcatgt gaagttacca tttattagct     120
gcttctgtct ctccnaggga agatttccct tttataagcc tgggccaggg ggatgatagt     180

```



aagattcccc atgtgatacc agagttggaa taagctgtag tgagattang gccaggactg 240  
 tcccattttg attccttgaat ggtttctggt acaacttgtc atgggggaaa aagtaacact 300  
 tatttttttt ttcctccctt aa 322

<210> 8168  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8168  
 tactatgata tgtgaatgga aaagtaggca gctgatgact caaattaaga attttaatta 60  
 cattgactcc aagtctgata ttctgatgag tgtcatatag cacttaatgt ctgcttcata 120  
 taatactacc acttattaga tatatataga ctcaagagca ttaacaaaag tagagaaaga 180  
 gtgagtcatt atatacctat gagtaaaata tgaaaatgac tatatgtgtc tgtctgtgtc 240  
 ttgttatcgg tgatgcaa atgttaattct tgatggaagc tgcgcgctg 290

<210> 8169  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(242)  
 <223> N = A, T, C, or G

<400> 8169  
 cggtggtnc a tcgcttgntg gtgtggttct tatnattaac nccattgtgt atacaggttt 60  
 ccagtccctt ggggtacagt agtggttggc cagatgggta tgtaagtatt tggagtcagg 120  
 tgtataatgg attttcgggt gatatggatg taaagaaaag ctttccttgt tcaccoggac 180  
 ttgaaatcgt ggagttttaa tagcagatct tcagcagggt agagaatcac agctgcattc 240  
 ca 242

<210> 8170  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8170  
 ctgtcgagaa tggaggattc ttacgtggac atgagttgca ttgttctttg atgctgtagg 60  
 cttattaaaa gtatgtagtg actagtttcc aggcacttgg aatctgtgtt cctatggttg 120  
 gcggcatagc agctagcatt ttgatcacc atacagcagg gcttcgggta gtcgcgat 178

<210> 8171  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(242)  
 <223> N = A, T, C, or G

<400> 8171  
 ccagnaggtt atccctgtac ctgccctggt gattggccag cgaatcaggt ctaaccagca 60  
 caactcccac ctggaccagc cgaaccagct ctgagcatga gttggggtcag atctgaaaca 120  
 tcccctgcat aaccccagca agctacctcc cctgctaatt atggatgctc atctcctgca 180  
 agcatcaacc gcattggcag aagcagcaaa cccacttcct ccttgcttag catggaccat 240  
 gg 242

<210> 8172  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(722)  
 <223> n = A, T, C or G

<400> 8172  
 gggaccggga ggtgacttag tgctgatact ggcaattggn aaagatgagg gacgnctgct 60  
 tgcactccag catgcggcca tttttaatta cattgtttcc caagtatgca tattctgnac 120  
 atgtctatag cacttagtgt ctgcttcata taaactacca gttattatat atttatgatg 180  
 caagtagttt tccaaatgtg gtgaaagtct gagtcttttt atcccatgg gtaaaatctg 240  
 aatctggctc tctgtgtctc tctgtgcttg tttattgctg gtcagagagt caattcttga 300  
 taaaagctgt tgacttggct ctcacagttt atgcagacat tggagagacg atctgggtat 360  
 ttcaaacatc acaggatctg agtaagaaga cctgggttatg aaacaaggct ctcataatta 420  
 ctagctatga ctgttgacaa gttacctttt cttgtttaca agttatttgg cctctttgaa 480  
 ttacttgtaa aatagagata gggattcttt cttgatcatg gaacatcaaa tgaagttatt 540  
 tgatgaaata ctttgttatc tggaaattat aaatatcact tcatgtttat tattatttgg 600  
 aatttgggct tctcatggtg gcattttcta tggtcatttt tttcttttct tgcataatgg 660  
 ctataaagtt agttagacat gcaaacaaat gccctaagtg ggaaattttg aatagggttag 720  
 gg 722

<210> 8173  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8173  
 ttgtttgcag agtcctcaaa tgtatcacag aaaacagttg ctgtggaaac ttatagtgga 60  
 ccctactgac gcacaagcat taagaagtcc acttgctgca tactgtaagg agaacttgct 120  
 gcatttgga aatgctgctt aaggcaacac acattacctt tgtgacaggg ctctgtccac 180  
 tggggtgggc tgatgcaatc tatacagaat gcacatgctg cctttttttt ttcttttttt 240  
 gc 242

<210> 8174  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, T, C or G

<400> 8174  
 agcacgtaac ccatccgatc cccaagatt aaggaaaaag agtgggagag caaatggaag 60  
 aagcccctgc taacgggatg ctaatgagaa atggggagca ggaggctgac aatgaggtag 120  
 acgaagaaga ggaagaaggt ggggaggaag aggaggagga agaagaaggn gaaggtagg 180  
 gggggggggg cggg 194

<210> 8175  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8175  
 tttttttttt tttttttttt tttttgggct tccaattat tttaatgaag ggattgggag 60  
 gaggacatac aaaacggcca gatacacagg gtagcagggg cttgataatg agataatttt 120  
 cccccacgtg ttgggaaaaa aaatactatg ttttttttta tgaacactat taaaaaaaaa 180  
 taaaccact cacaacattt tggagggact aaaggccaag agaaaccaat ggagaatcat 240  
 tttttggggg atgggggggg gagtttctgg ggggcagggg gggatgtgga caggcagggg 300  
 ggggtggagg aaccttgctt ctggcgggaa tgggaaggag ggacaaggaa caaa 354

<210> 8176  
 <211> 603  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8176

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ccccaaataa ctttcttatt gctctgaaag aagaaaagca atgtaaatca ctatgattat      60
tgcacaaaca accagaattc tccaacaatt ttaagtaatc tgatcctctt cttggagaaa      120
attgttacct aatagttttt ccttatgaat gttattacta ctgggtataaa tcaaatttct      180
ataaatttcc tacttaagtc ttaagaactg ggttcttcct ttgatgttat tcatgttcag      240
aaaggaaaca acactttact cttttaggac aattcctaga atctatagta gtatcaggat      300
atattttgct ttaaaatata ttttggttat tttgaataca gacattggct ccaaatttct      360
atctttgcac aatagtatga cttttcacta gaacttctca acatttggga actttgcaaa      420
tatgagcatc atatgtgtta aggctgtatc atttaatgct atgagataca ttgttttctc      480
cctatgccaa acaggtgaac aaacgtagtt gttttttact gatactaaat gttggctacc      540
tgtgatttta tagtatgcac atgtcagaaa aaggcaagac aaatggcctc ttggtccccg      600
ccg                                          603

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&lt;210&gt; 8177

&lt;211&gt; 354

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8177

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ttattttatt tatttggtat tatgtttttt tatttttttt ttttttgta tttttttttt      60
tttttgtttt tttttttttt tttttttttt gttttttttt tttttttttt tgtttttggg      120
gggggggaata ggagaggggg ggggaggggg ggggtgatgaa ggggggggga aaagaggatt      180
tataatataa aaaaaggggg aattaaaggg ggggagagaa gttaatgaaa aggaggaaaa      240
aaaaggatat attaataaaa aaaaattgga aaaaaggggg agttttttat taagaggggg      300
gtatatatttg gggggaaaaa aatatggggg gggggaaaaa aataatagtt tggg          354

```

&lt;210&gt; 8178

&lt;211&gt; 352

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8178

```

acggattgaa ttgactgatg catgctcaca tatgtctaaa aacaatctgt ctgcaataac      60
atgtcatgaa tgtgtgactg actggtctgt ccttgtgcga gctactacct gctgcctgct      120
atcaatctct ctaacaacgg gtggacacac acccaccgac tgctggttgt cttacacaga      180
gaggaaggat ccttgcaact atctgggaga ttaatatgta accagcaacc tgtgtttgca      240
gccagctgtg ggagggtcaaa caaacaaaag catgcaagca tgtgcggact gaaccgagtg      300

```

atgcgtgcga gagtacctgc ctgggcggac ggtcgcactc tcttactatt ga 352

<210> 8179  
 <211> 464  
 <212> DNA  
 <213> Homo sapiens

<400> 8179  
 gctttttttt tttttttttt tttttttttt tttttttttt tttaaaaaac taaggaaatt 60  
 aattgggttc agggaaaaaa ccggaaaaaa tgggtgaaaa aagtggtaaa aaaagggttaa 120  
 cttaaaaaat acaaaaaata ccttggggta aaatttttga aggggggggt atttaaaaaa 180  
 aacggaaaaa aaacczaaac ctaaaatatt gggaaaacaa aatattaact tttttttttt 240  
 ttttaataag ggggggggatt gtttttggaa taaattaacc aaaaaaataa aggtaccctt 300  
 ggttttttta agggaaaatt ttttatttta atcaaaccct aaaaaaacct tggtaagggt 360  
 ttatccatt ttaagggggg aaaaaaaggg ctaaaagggg gaagggaaaa tccttggtgg 420  
 gcaaaacgga ttatgggggc aaggtaattg aaatggaccc caaa 464

<210> 8180  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<400> 8180  
 tacagttacc attgtacaat ttatgaacac atggattacc ttatgacaaa gcattatata 60  
 caccactgta ctagatgatg aagtgcctaac cactcacatc actagcatgc cttctattta 120  
 tccaaatatt taaagggtgat atttattgtc gaatgggtgg ggtgggtacca atgggtctcta 180  
 gtatggtttag tgtgaaaact ataaatatgg atctttcagt gagctattag tgagcaccta 240  
 ggggctataa gatggtttca cttattaatc acaaaatatt cattattatg gtgaatgtta 300  
 gatatactct ctatgtaaat tggttagtaa aacgagtttag aagatatgat gaatacaaaa 360  
 aaaataaaaa cagacatgca tgggcgggtgg aggccatgat ctttaaggaaa aaaatgttgt 420  
 gtgagtcgtg tataacatta aatgaatc 448

<210> 8181  
 <211> 576  
 <212> DNA  
 <213> Homo sapiens

<400> 8181  
 caagtaaggg gttgtacggg gctgcgaggt cgaatagcat accaatattg gttgatctgt 60  
 ctgcaacatt agaaatatgg agatatatac tatttatata tatttaacat taaatatatg 120  
 gggaatatat ctttagactc atgaaaaaga ataatgtatt attatatgca tcatttgtga 180

tatgatatat gactgtgaca tgaatatatg aattatttgt aatctgtata accagtgact 240  
gctctgcgaa tatcactggg ttatcgactg ggccagctag gctatgagac tacgcaggat 300  
catatggggg gcgcgctatg caaccagccg aaacaagaac cactggagaa gtgaggtgat 360  
actactcgat gactcgacga acagctatat gtgaggcgat agtatccagt gcactgacgg 420  
cttgacaata tgcacgcgaa tgtgtccagt gctccaaggg catgacataa cataaccaga 480  
aagtgtcagg cgggcgcgta gaaaacatgc cgacaaatga gactgcacgc gtgcggcttc 540  
aaaaattgct gacaactgtg accgctacct gccggg 576

<210> 8182  
<211> 160  
<212> DNA  
<213> Homo sapiens

<400> 8182  
gacagggggg gggggggggg cggggggggg gggggggggg gggggggggg gacgggcaga 60  
ggggacctat tggatgcaaa aaagaatatc tatataaaaa aaatatagtt gtttttttgt 120  
ggtttagaac caccagtaac aatgaaaaag tattcaataa 160

<210> 8183  
<211> 208  
<212> DNA  
<213> Homo sapiens

<400> 8183  
cagttgtcaa caatatttgg taagcaacca gacatgtaaa tcttctgtag atgctttgtt 60  
tttcattatg gtgcacctgt acacatttca agttctgttc tgacatgtcc attattatca 120  
ctgtgctctt tattgtcaag catatTTTTT tttaccggtc tgtaaactgg gatagttatc 180  
actttctctt tttttatttg tttatttg 208

<210> 8184  
<211> 160  
<212> DNA  
<213> Homo sapiens

<400> 8184  
gaagtcttgt gttttactaa tgggaaaaaa aaatacagaa aaaagttttg ttactcatgg 60  
ctgccccacc gccagcctgg gccctaaaaa cagcccagcg cctcacttct ggcttgggag 120  
aaatatttct ttgctccttt tgggaattca tggcttgatg 160

<210> 8185  
<211> 160  
<212> DNA  
<213> Homo sapiens

<400> 8185  
gaggtcctgc aaaccatctc aagaccaaaa taagcgaccc ggcctatgtc cccctgttat 60  
tgggattgac ccacacggcc tctacattgg catgcctagt ttgcttgca tctggaaaga 120  
aaaagaattg aatcgcacgt ttctgggtaa aaaagctggg 160

<210> 8186  
<211> 528  
<212> DNA  
<213> Homo sapiens

<400> 8186  
tttttttttt tttttttttt tttttttttt ttttttttta aaattaaaaa ggaattatatt 60  
tttttattgc cgggttttat taaaggggga ttttaaatta attcattgga gggggtaaag 120  
gaaatggagt ggggtgggtgg gaaaaggcag gggggccaaa aattattacc cattaataatt 180  
aaaagtgggt tgggtgattg gtgggggtct ggtgggttgg gttgggtttt tgtttttttg 240  
gggggtgggtt ttctgggtctt tgttcttgac cactttttta accattgggg ttgggggata 300  
agaaaaaatt ttaggcaag gttgggtatt aaaaccacaa aaattttggg gggaggaaaa 360  
ttaaatattat tgttttaaag gagctttcgg ggaggggggg ggtttggttt ttgttaccgg 420  
gagggtggggg ggtagggggg ttaacacggg tctttttatt ggaaatttaa ttctcttaaa 480  
ctttcaaat gggtggcggg ggaaaaaaa aatggccggg agggccag 528

<210> 8187  
<211> 384  
<212> DNA  
<213> Homo sapiens

<400> 8187  
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60  
tttttttttt tttttttttt tttttttttt gggggggcaa aaaatttttt tttttttttt 120  
tggggttggg aaaatttttt aagggaattt ttgggggggg aattttgggg ataagtttta 180  
aaaaaaaaa aaaaaggggg ggtaattttt gggaatattt aaggaattaa acaaggtttt 240  
tatattaatt ttaggggggg gtttaaaaat ttatttgggt tttaaaaaag ggtaccatta 300  
aaaaaaattg ggattggctt ttttaggggg acttaaagaa ttttaggggg tttggggggg 360  
gggaaggggg ttatataggg gagg 384

<210> 8188  
<211> 222  
<212> DNA  
<213> Homo sapiens

<400> 8188  
cttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttatg 60

gggaaattta ccttttttta ttttttttta atattgaaaa ttttaaaaaa ggaattattt 120  
 ttcatttggg gtcccgccg gggggggggg taggatcact tgagtaatca ggggggcggt 180  
 ggatggggcg ctgaggggag aacacaaaca cagggcaggg gg 222

<210> 8189  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 8189  
 tcttggctta atatagggtg tgtgtaatga actgctagac tgtatgcggt acatgaacta 60  
 tactagtgat ggggtgctgg ctgcatattg tgtattacta ggtctagttc tatgtattaa 120  
 tatgctgcat tgtggatatg gggcaatata ttttttggac gcatctctct tattagtatg 180  
 atttatagtc ctctttctgtg taatgcaata atgaatatct attattagat ggtattattt 240  
 cttatgacct atatcctgtg actgtctctc ttactccttt gtccgcggac tgattaggca 300  
 tggctatgtg tttaagtggc tttatttctg gggccatcct ggcagtgcc ct 352

<210> 8190  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 8190  
 agcttttttt tttttttatt ttttttttta atgtttgggt gttaaatttat taaaagattt 60  
 gatttataat atttgtaatg gtgactgtca ccttttttcc tgccttgcta ctgatgggat 120  
 tattctgctt aatatatttt ttattagatg tgcaagttaa 160

<210> 8191  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 8191  
 tactgacatg catgtactaa ctagggtcta tggcatgact tgcataggct attacatgct 60  
 gagttggtag cattagactg catggtatca taataattga acacaatgct gatgaagaat 120  
 attatctcgt ggtagttagt atatttatag gcaagtggga 160

<210> 8192  
 <211> 480  
 <212> DNA  
 <213> Homo sapiens

<400> 8192  
 tacaagcttt tttttttttt tttttttttt ttttacaagc tttttttttt tttttttttt 60



tttttttttt tttttttttt tttaaaaatat tttttttttt atttttttgg tattaattaa 120  
 aaatatgaaa aaaaaagtaa aaggggttcc tttttggggg gagggccacct tgatggctta 180  
 aaacaagctt aataaatcga aaaaaaaaaat gggatgccaa aagatggggg gggaaaaagg 240  
 gcttgggggt taaaaggcga aaaagttggg ttaggggggtt gggggggggg aacagaggga 300  
 aaaaaaatt cagtttaggg gaccctaagg ggacgggggg gggggggggg gtgagggaca 360  
 cttggaaggg tttttggagg gggattgggg ggggaggggtt tttgttattg ggggagatcc 420  
 gggagggagg ggcggggcag ggtgggggtc cagtggggta aattttctta agggcataaa 480

<210> 8193  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 8193  
 tagagctttt tttttttttt tttttttttt ttttttttaa taggttaaaa aaaaattttt 60  
 atttttttta aggggtgtta aaaattggaa taaagaatat gtataatatt tgtagtgagg 120  
 gggggtttgg tgtaatgatt gaatatatag gaggatgaaa gatatttggg tgtaaataga 180  
 taaaattggg agggaagggtg gaggggaaaag ggggaatttt aaaaagatat attaaaaaat 240

<210> 8194  
 <211> 224  
 <212> DNA  
 <213> Homo sapiens

<400> 8194  
 tattacatgg cagcaggacc cactgagaac acaacgcctg ttgcggaaca agaacacgga 60  
 atggggctaa caacagacta agtactttat tgtagggcgg ataatatata actcatttgg 120  
 acaggcctgg gccatatctc tgactatgcc ctatattgga tgccctggcag gggcccaagc 180  
 ccaagaggat tctttaccct cggaacagct cccagggcac tcag 224

<210> 8195  
 <211> 192  
 <212> DNA  
 <213> Homo sapiens

<400> 8195  
 ctaagattga taatttgtgt atgtgatata aacgttttat taccagatgt gtacatttaa 60  
 tgagctatca ttacattat aaaggttgtg tgattctttg ttttttttaa acacaatttt 120  
 tatattcaaa tctgttggag caatgaaaag atggagagca taaacagggtt tttctatgct 180  
 gatagaccat gg 192

<210> 8196

<211> 288  
 <212> DNA  
 <213> Homo sapiens

<400> 8196  
 tgatgaaagc caaattgacg caggatatga acctgttttg tattgtgata aggttaatat 60  
 tgtgtgcaat tttggtgaaa tgagagaaaa gattgatcgt ggttttgggt gaaagatgga 120  
 tgatggtgct tgattgttgg atgatgggga tgatgacatt gatgatatgg ctggtggaaa 180  
 gctgatgtgt ggtgatagat tcttaaaacta tggagatgct ggtattgttg atgtgggtga 240  
 tgtgaaacag atgagtgttg agagtgtcat aaaatataga ggattaga 288

<210> 8197  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 8197  
 tttgattttt ttgaaatatg ttgatatgat aatttatgat ataatttgga ggatagttgg 60  
 ttatttttaa ttttataatt acaaaaatat tgtaaaaatt tgtgtttagt atacattttt 120  
 aatagttgta tgaaagggtg atatgaatat tataatgaaa catgttagta agtgtaatta 180  
 agaatgatat gaatatattt tgtgttaatg atataaagaa atatgggatt gatattttaa 240  
 tgaaaatggt tgtattaagg ataataatga taaatgtttt aaattaattt actttaaaaa 300  
 atta 304

<210> 8198  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 8198  
 tcgtgcta at ggtggttctg aatgcaatat ttgaatatta aatttaaact tatatattat 60  
 tatggaacat aatttatatg gggaatatat tataagactc ataactgaaa taagtatgta 120  
 taataaaaaag aatatgtgta atgataatga atatctatta atatatagta tcagttataa 180  
 gttttatatt atgtgagtgt cttaattaat tattggttgt ctgagtgatt taggcgacgt 240

<210> 8199  
 <211> 224  
 <212> DNA  
 <213> Homo sapiens

<400> 8199  
 agttgtattt aaaaaagcat aagtatagat tgtgttgggt agaaggagag gagaatgagt 60  
 tgatttgttg aagaggaggg tgtttgtgga tgaagaggag taagagttga aagtagaaag 120  
 ttgaatagat agggaagtgt tgtgagtaag gaaaagtaag gaaaaggatt cattataaga 180

gaaaatgtta ctgagtgaat taataatatg taagtttggt ttca 224

<210> 8200

<211> 704

<212> DNA

<213> Homo sapiens

<400> 8200

caagctttttt tttttttttt tttttttttt ttttggtttt gaacotttaa taaaagtaaa 60  
 aaatgaatgc aaaaagaaca caatgttgaa aacttagtat gaatgtgaac ctactagat 120  
 gttcaaactc ggtagagtgc aaattttggt catactatct tacatcttta caaactcaaa 180  
 tcacttttgt tcatatattt tctataaact attggcaaaa aaatcctcaa atttacattc 240  
 ttttggtctac attattttcta acagatatag atttacttcc ggtttcggag agaaagactt 300  
 attgtgtgtg cgtgatcaag tctgttttaa agattcactc gctgctttca tctaataact 360  
 tctgggtttt cataaaatgc tgacatcttc attggaaatt tttttcatgt aactgttttc 420  
 attttcagaa aatatataag ggggtcattc ccaagttcag aatgatccta tttttttaa 480  
 aaacaaaatt cctgtaaaac aaattaactc caggaactta aaatttactc caagacattt 540  
 ccctcaaaac aaagcaaaaa acccagccaa gatcggtaca tcacaaaacc aaacacaaag 600  
 aacagcgctc acaggcaagt tctctaaagc tttcattctg ctgactgggtg gcttccattt 660  
 taaaggagtc tttttatcca gccactttca cagaatttta taac 704

<210> 8201

<211> 576

<212> DNA

<213> Homo sapiens

<400> 8201

atgagtgaag ataaaatgac cagcagagga atgcatgtct ggtttcagag ttgcaggtta 60  
 ttatcctgaa ccatacatga acatcataag cgtgagtgtg atgaactgta tcggatagct 120  
 acaaagcgca cattagaatg cgagtttgat gagttgaaag gaaaaataga ttgccggtct 180  
 gggtagtagt tggaagatgg ttctaaattc ttgaattctg gtgatgatga ctatgttgat 240  
 atggttattt gggagatatt gtgtgttaag agtttatcaa attattcttc tttaggtcga 300  
 tttgcgggtc atgatattaa atatatagta gtagatgggtg taatcataag tagcgggaata 360  
 cagtgatggg ggaactggat acgttcgcaa ctctgctcat aaagctcaga tagctgaatg 420  
 aatagtatca cttatagggtg ccactaagt cttaatcatt ggtgagataa caggcgtaga 480  
 attgtttgtt tcatctggga ttctatgtat agttataaat gaatggataa tgatcacaat 540  
 gtgtcgtata agcattatag cgagaagaga gatgtc 576

<210> 8202  
 <211> 368  
 <212> DNA  
 <213> Homo sapiens

<400> 8202  
 ctcatgcaag tgatagggtg aactgtcgcc tgcagctaaa acaggggaagc ggaataagat 60  
 gctgatgctg tgtcgaggct gatgagcatc ctggtagtgg tggctgtgcc tgcaatattt 120  
 gaattttaaa tctaaatctt tttattttata tttaacatta ttgatatggg gaatatattt 180  
 ttatacttat cattaatata tatattttata atttctgctt ttgggtaatg aatatgtata 240  
 tctattttata tttgttttat ttattatttc tattttactgt gactgtctca cttttttctt 300  
 tggtttctgt ctgattaggg ttgggtatgt gatggcttag ttttatgggc agggccgaat 360  
 tggcaggc 368

<210> 8203  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<400> 8203  
 tttttttttt tttttttttt ttttttttgg tttgaacctt taataaaagt aaaaaatgaa 60  
 tggaaaaaga acacaatggg gaaaacttaa tatgaatgag aaccttactt gatgggtcaaa 120  
 tctggtagag tgcaaatttt ggtcactata ttttacattt ttacaaactc aaatcacttt 180  
 gggcatata ttttctataa actattggca aaaaaatcct caaatttaca ttcttttggg 240  
 tacattattt ctaacagata tagatttact tccgggttcg gagagaaaga cttattgggt 300  
 gtgcgtgatc aagtctgggt taaagattca ctgcgtgggt tcatctaata acttctgggt 360  
 tttcataaaa tgggtgacatc ttcatgggaa atttttttca tgggaactgg ttcattttca 420  
 gaaaatatat aaggggggca ttccaaagat cagaatgatc ctattttttt aaaaaacaaa 480  
 attcctgtaa aacaaattaa ctccaggaac ttaaaattta ctccaagaca ttttcctcaa 540  
 aacaaagcaa aaaaacccaa caaagatcgc tatatcacia aaccaaacac aaagaccagc 600  
 gctcacaggg aagttcctct taactttcat tctgctgact ggggggcttc atttaaaaag 660  
 ggtgttttaa tg 672

<210> 8204  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(288)

<223> n = A, T, C, or G

<400> 8204

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catgagtccg cncagtgcgg taaaaattgn tggaaaatct gacctgtgga gtgccttaca    60
tatgtacttg aatagaagtg gtcaataaga ttgattgcat actgcattgg aaaaagacat    120
aaagaatgct tgacctatct atttatcctc tctcatgatg tcttcgtnta gaaaagttaa    180
atatgctggt ataagctcat agtttgcaat tgcggatagt ctcagagag cttgatggat    240
gaaggctagt aatctgtggt ataagccatc tggggaacga ggacagga                288
```

<210> 8205

<211> 160

<212> DNA

<213> Homo sapiens

<400> 8205

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actgctgaac ctttttatgt tggttacttg tctatatatg ctatcttttg gtagtctttg    60
ctagcttttg atattgtgac tgacaaaggt ctgtggagtg tctatgagct ccagcgtgac    120
aacactgcct gctggcagct tggccagtgc tcaactcaaaa                160
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<210> 8206

<211> 255

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) .. (255)

<223> n = A, C, T or G

<400> 8206

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cagctttttt tttttttttt tttttttttt ttttttttat tttttaaaac aagcaaattt    60
ttattaaagg aaaaattttg cgagttttaa ggtttgogag gtgtaaaattt tgtgaggggtg    120
aaaaggttta ctttttcacn cagtctgttt ctggcatgtc ttttaatgga tgtcagaagt    180
ccacctggta tcaatgtata tgccagtggg gcacactcct gtagttattt tcccgcagtgt    240
ctgtgcgcca gttttt                255
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<210> 8207

<211> 192

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) .. (192)

<223> n = A, C, T, or G

<400> 8207  
 tgttcgtgcg gacaagnttg tggcgtacag caaaaagcac ccaccaaggc aagacagctg 60  
 acttcatctg ctcatntgta ttatcctgca accatcctag tgcaaataaa gcgccggact 120  
 atgacctgct ggtattggga ttgagcacac gtgtctcaca ttgatatgtc aagtgttgac 180  
 tgaggctgag ag 192

<210> 8208  
 <211> 224  
 <212> DNA  
 <213> Homo sapiens

<400> 8208  
 ttccccctttt tttttttttt tttttttttt tttagggttt tatttttaa at gggaagggaa 60  
 aaattaaaag ttaagggaa ac attaaagtgg aaaaaaaaaa ggaaacactt aaccccaact 120  
 tttttgaaaa agaaaaaatg atgggggggg gagaaaaagg aaggggggaa aaaggggtatg 180  
 gggggattgg gggggggggg acgtgggagg aaaggggagg gagg 224

<210> 8209  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<400> 8209  
 ttatgaggta gatccttgct tgaaagtatc tgctgaaaag ccagtaacg tggcagcttc 60  
 atgcataaag atataaatga catttgccctt aaatttggca gcctaccctg gcttgggtca 120  
 gattttgttg ttgaacacaa gaaagtattt aagcaaagaa acacttcagt ttaattgaaa 180  
 acaacttttt gtaatgctga cgtgttaaat tggcctgagg gtattaattg atatctgttg 240  
 attttgtttt tctttgaagt ataacattac tttttggagg gaatttttga aagatgcttt 300  
 cgatttctct caattcttta agtcatgcaa aatgaattta aaatccaggg agtatggatg 360  
 cattgcctta gttttgatga gcttttaaatt aaatgtgtgc aatatcaaaa tattcaaact 420  
 tacaagctgg gtaaatacat ttcttgatta atatcttagt gcttaattgt tcccacattt 480  
 tcaaatttga ctttactctt ttttggcgta attcagtaag attggtacca gccagtgtgt 540  
 ttgcacacat ttgggttgtg tctagatgag ttagggacag tcataaaagc tggggatatg 600  
 tcgcatttgc aatcagtagt agcatatttc cagaatatga gccataaggc gcagtcttga 660  
 atacaacagt gttatccata gaaaggagct ttctgacaaa tatacatagc cttactaatg 720  
 agtacccttg cgccctccct cccaccgcac ct 752

<210> 8210  
 <211> 368

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8210

```

tttttttttt tttttttttt ttttttggtt atttctattt ttttttgtct ttttgtatag      60
gctaatttgt cggatttggg gatgagatat tgaagggttg aaaggattat atactgtatt      120
ggtggttggg ttggttgggt ttgggctggg ggaagggggg ggagggtggga aattaattaa      180
taaaatagta ataaggtctt agataaatat tatagttaaa gggaggaggg gggggggtag      240
ggggataaag gggcaattgt gaagggggga tgggtggatg tttttgtgga gctgtgggag      300
tgaggatggt aaaatgattt atttttatag gtaggagggg gggggggtgg tgggtgttac      360
gtggcggg                                     368

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&lt;210&gt; 8211

&lt;211&gt; 690

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8211

```

atgtggtgtg tgggtggacac aaagttcatt tttattttct ttttccttta ttttttctta      60
tggatgaatga tggaagatta ccgattaatt acacatggca catggataat ggatgttggc      120
tgtcatattc aattgcaatt tggtatagtg ctgtgtgatt aagtattggt tattgactat      180
tatttattct atatggtata taagaaggaa gcaggaaatgt tagctgatga cacgtgaata      240
tttattatac atgctgtgtg ctgcgtccat gttgattgct tatgacgtat ggcgtatgga      300
acatttttaa gtcattcctg atggtagctg atacctgac tgtgtgttga gttatcctgt      360
atgtggatca tatttttaaac tggattacgt gttactggtt tgggtgtggg ttgtgaacca      420
caccagagat cactaaactt gcttcagggt tagtatctga ctggtgtatg gattccttaag      480
cgccataagt catttgagta ttgattatc tgaataataa catgcaaatt agcaagaact      540
gggcatacag ggtaagcggc aaggacaata aggatttttg tagatattat atattttttg      600
tttttggtta aggagacaag tttgaagagc agacaaaatc tcttttttaa tatagtatga      660
atgagaatac ttaaaaaaat ttaaaaaata                                     690

```

&lt;210&gt; 8212

&lt;211&gt; 370

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8212

```

ggtacatttt tatttttttt tgggtgatgt tgtttgtctt tgaatgaagc atgtaattta      60
ttctcttaaa gaggagaata catgtggatc tttagaaagt aggaggacat gtctaacata      120
gatcgcttgt gtatatttta gtctataact gatcatgcat tacttagctg ggcgtggtgg      180

```

ctcatgcatg tattctgacc ttctggggca actgacgctg gataatattt aatacctgga 240  
 tagtggtatga tgcagtgagc cacaatcacg ccaatgcact ccaacctgcg tgacagaccg 300  
 agactatgtg taaacatcta cttcaaatat atgggcctgg atgaatttaa atccgtggat 360  
 ggcgacgtac 370

<210> 8213  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8213  
 tactcttcca attaatatct acattgatat tcaccagata ttgtgaactg ataacactga 60  
 aataataaga attgcatagt atttgaagct gcatatcaat aacagctttc ttggtaatgg 120  
 ctccaatct atcttcttta tgggtgtggc tcgctcatat tc 162

<210> 8214  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8214  
 gatagggaaa agttagatta ttggaagatt gtgtatactt attgatgaat atgatattaa 60  
 aaatggggat gtagataaag aagaattgtg atttgaatga gaatattgag aatggattat 120  
 tgtattgagc ttttagtggt tttttattta ataatggaaa ataagctggt gtttagag 178

<210> 8215  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 8215  
 gtaccatttt gcagcggagg gcatgatgga aggacaagcg tttagaaagt atgtatctac 60  
 tctgtgatcg gatattggta tgtaaggagt gctgctgtaa ctggaaccat aagagggatt 120  
 atgcttacac aatgatctca tggatatgtg ttgttagcat gagctgtgga tgtaggattg 180  
 tgtgctagag gaacgggtgg agagattctt caagctatgg tgaatgatag agataatata 240  
 tctgtatggc agaatatgga cggcagaaaag ttttctata tgacaatgat tatttgctat 300  
 gtatagatgg tgacattatt gcaatgaagc taggacgtga gcacgctaact cactaatgaa 360  
 tacgggattg gctgcagctt gaccgtatga gatagggtccc aacgtggcgg atgcatagat 420  
 tgagtatttg tatgtgttat atagatagct aggtgtaatg atggatatag gtgatagtgg 480  
 gtgaatatgt tattcgct 498



<210> 8216  
 <211> 550  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(550)  
 <223> n = A, C, T, or G

<400> 8216  
 caacgctctg aacgttccac tccacaatag gagacaccag ctgaagatgc gagatattgc 60  
 tgggcaggcc ctggcttttg ttcaggatct tgtgacggct cttctaaact ttcataccta 120  
 cacagaacag aggattcaaa tttttcctgt tgattctgcc attgacacta tatctccatt 180  
 gaatcagaag ttctcacaat accttcatga aaatgcgtcc tatgtccgcc ctcttgagga 240  
 aggaatgctt catttatctg aaagtatcac tgaggatact gtgactgtct tggagacaac 300  
 tgtgaaattg aaaacttttt cagaacactt aacctcctac atatgttttc ttangaagat 360  
 tcttccctat cagttaaaaa gtttagaaga agaatgtgaa tcctctcttt gcacatctgc 420  
 gttaagagcc aggaatctag agctgtccca agacatgaaa aaaatgacag ctgtgtttga 480  
 gaagctgcag acttacatag ctcttcttgc cttgccaaagt acctcgggcg cgaccacgct 540  
 aatcactagt 550

<210> 8217  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(162)  
 <223> n = A, T, C or G

<400> 8217  
 gctgggcacg taaggtnacg ttggtgaata tctctaactc acggcatngt atatgcaggt 60  
 attttcggta ccaaggacaa ggttctaagt catactatta aaggctaata aaattcaaaa 120  
 atggttttaa gaattcgaac attttgaatg acgcagaggg ct 162

<210> 8218  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(530)  
 <223> n = A, T, C or G

<400> 8218  
 ggnccgagtc aagcctgcgt atcagaatct gagacagcgt gttgacaact ttgttgcaaa 60  
 tcacttggca actcacacat ggagtcgcga tctcaataag aaccagctaa gaaacaacat 120  
 tagacaacaa gtccctcaa atcangaatgtt ggagtcctgg attgaccgaa ttattttctca 180  
 ngttgtggac ccaaagatca accacacatt cagacctcag gtagagaaa ctgtgcatga 240  
 gtttttggcc acgctaaatc acaaangaga angaagtggc aacacagctc ccgatgatga 300  
 gaaaccaggc acttccctta ttacacaaag tgttcctact cctgggcca gtgctaattgt 360  
 agccaatgat gccatgtcga tattggaaac cataacttct cttaccaag aagccagtgc 420  
 tgctanggt tcaacagaaa catcaaatgc caagaccagt gagagagcgt caaaaaaact 480  
 tacatctcat ccaaccactg atactaataa cctgcccggc ggggggtgga 530

<210> 8219  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8219  
 gtccggggat gcacgcatga tggctggtgg tggatatgtg aaaggataaa ccacagccaa 60  
 atgaaaacac tattgatata ggttatggcg acgctgatat aagtaaagac agacagcagg 120  
 gcacatgaca cgacatacac acagcatgga cggcaagcag gaatacagat ctgattactg 180  
 agatgtgcca ttattgatgt caagaagggt cacatgatac agtgtatgag tgaagggtctc 240  
 at 242

<210> 8220  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8220  
 acatgatata agagaaatgt tcctatggta tatatgaact cctaacta tgatcgtttt 60  
 ttttttttta aatgtgggta ttgggtgtgt ttattttttg ctgtttactt cttactgaa 120  
 gacttgttgc gttgtaaaac tgtttaataa aatatatggc attacttgt atttacaaaa 180  
 aaataaaaga caggctttac actatttcta ggggggacact atttcgggaa tggtatgtaa 240  
 aactctctat ctagccattg ggaccgatat cagttgattg ggtatcgtct 290

<210> 8221  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8221  
aacaactcca ggtgcaagtg aacaggaata aaaatgccat cgtttttact aatgaatttc 60  
acaaacatat ataagcgaaa taacaatggc agatgcctcc actgtacttg agcaagtcac 120  
cactgatctg tttggagaaa ttagtggtga tgtcgggtgct ggctgtggcc tgtttctgtc 180  
tgattgtgaa ataggtaggc ctggttatgt actggtgtgt aactccaggc aacggcatat 240  
tt 242

<210> 8222  
<211> 178  
<212> DNA  
<213> Homo sapiens

<400> 8222  
gttttatgct tgtgggtttt ttttttctct gatctaggta ttaactacca aataattcaa 60  
aacaccaaag aaatcatttg aatgggagaa ggagaaacag gttgaagcac tgacaatttt 120  
tgcaagtgag aattcaagga ctgtattgta gccacagtta tgtacattat ctacgaac 178

<210> 8223  
<211> 354  
<212> DNA  
<213> Homo sapiens

<400> 8223  
cactatattg gccaggcttg gatatatgaa acttgtgtca cttaaaacta aggcggtgtg 60  
tgatattaaa agaggtcttt tacatctgtg ttagctggct tgagaactcg caactttgac 120  
tatcttgaat gtgctgctgg atggatggcc tttgctctga ttaggatccc catggtgaac 180  
cctgtgcca cagatggatc cggatgcagt gcacttgtcg ttaatggagc tcgtctgaat 240  
gcataggaga tgtggttcac acaacagtgc aagaaaccta cggcctaggc gaggggaatc 300  
cacttgcgca cagtgtcctc tatctcacac ccttgcctga cgactgcaca gcat 354

<210> 8224  
<211> 450  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)..(450)  
<223> n = A, T, C, or G

<400> 8224  
gttccagcac tgaggggaaga ctcagtctct gccatcacat acacctcatc actaagaaga 60  
gacacatgaa ataattacca tccagtgtga taagtgtctc gacagaggat ggagtggaga 120  
ctagtcacct tgggggaagac agagaagcaa ggtccacca agagatgaga agccagcctc 180

cangagtgcg ctatctgaga gggcaagaga aagaaggcaa aggagacggg tccatacttg 240  
 aacaacttga aataacttgt ctgcatttca agaacaacct accacagacc ttacctgtca 300  
 ccttggtctc cccaccaat ggagatggct ctaatggtgg caciaaacan ggaagggaaa 360  
 tctgtggttt aaattcttta tgcctcatcc tctgagtgc gaaaggctgc tgnagctgt 420  
 atgctgttaa tgctaattgg gatagggggg 450

<210> 8225

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8225

aggggtagga agtgaggtgt atggatatgg aaatgtaatg aggtggtgtaag taataggaaa 60  
 tttaaagggg aaggtgaaat gagttaggat gtttgtggat gagaagaatg ttatagatat 120  
 ttatgatttg tagtgggaag ttattgtatt gttatattaa ttttataata gttatggg 178

<210> 8226

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8226

gggtggcggag cttgaggtaa tgggtgaagg gtttgtgtgt ctttgagaga tagagattaa 60  
 tacatctatt tataaaatat aatcaattag ttaatatat attgattaat gttaagtttg 120  
 ttacgtaatt tttgtttatt atgattttat tagaatatat gaaaacttat aagattataa 180  
 tgaagaatga aaagatttaa gggtattaca tgatgacggg agttgtgatg agtctttttc 240  
 atggaatgga agatgtattg aaaagtaata ttgagagaaa ggactgcaga gacaagaatt 300  
 aataccaata ggaaggcagt gctttgaaat tataatgaat gtgagtgaat gagcttaaag 360  
 tataattgaa gagttgtag tgattaaaat aattagaagg cgatcgtttg tgatgagatt 420  
 taatcgaaag tgattattag aaattgaaaa tacgtgaaga gtggtgtatt gagtttgta 480  
 aaacgttaag ttaacgcatt ttagttataa gcta 514

<210> 8227

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8227

ggctcgctgg acgcgcaggt tactatgggtg acttaatgta attctaattgt actacattta 60  
 taaattttgg ctatatgaat gtatcatcaa tggaaatcgc atatctgtca aggatctgct 120  
 ctttgctaag gaaaagtggg agagcaatgg aacgagcgcgct tg 162

<210> 8228  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8228  
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 tacatgcggg aaccgagcac atcatcatgc tgggtacttt ctggccacat cggagactct 120  
 gacaattact tgatgctatg atctgactga agacatgaag taagaggtca ctgtgactaa 180  
 atatccagaa gcctggaagg aggggccggg agctctcaag aatgggggac aagatggcca 240  
 catgagggca gctctgtgcc atatcggcac aaggcgaag aaagaccaag 290

<210> 8229  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8229  
 aggtacataa aaacgctgct gggtagaggt cctgtggtga cagagtcaaa agactgcaat 60  
 gttgatgtca cccggtgaac tcctggtttg tgagagtga tcgggattca atatcatgga 120  
 ccttaatgga gtaattggaa gacctcaata aggaaaccat tgagcctatg gaaggttt 178

<210> 8230  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 8230  
 acaatatggg tcgttctttt atatcgaaaa aagtgtact taaaaaaagt ttatttatcg 60  
 tataaaaaata agtcttttac atctgttggt agctggtagt gaaaacttga aagactcaga 120  
 ctcaagtggta aacaggatga atgggtccac ctgcctttc cgtttgggag agggatcttg 180  
 agggctggga cccctctgcg tcacagtagg ttgagtgcgt tgctggggca gcaggtttct 240  
 aaaatttttg cttcaaggc aaagccatag caggggatgg ggtttcagca caaccagtgg 300  
 caagaaaaga ctaggggcc tcggctgatg ggaaatccac cttgtgcacc agcggttcct 360  
 cacaactcaa 370

<210> 8231  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8231  
 ttctagggta aaggaaatat cataaaaaact aaatataagc agaagctcaa gggatctatg 60

tatgaaagtg ctgggagaat aaaagttatg gaagaggagg aaattctgaa tcaaacacag 120  
attcttttgggt ttctgggcag gattataagt gtgtatagag tgggaagaag ctcatatg 178

<210> 8232  
<211> 210  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)..(210)  
<223> n = A, T, C or G

<400> 8232  
tatggntcag ntctttttata tcgcaaaaag gtgtaactta acaaaaaggt taattttattc 60  
gtattaaaaa aaagntcttt ttacatcctg ntgnttaggc tgggtggtgt aaaaacttgn 120  
aagcaactca gcacctcaga tgggtaaaca gnatggaatg gttccaccct cgtcttttcc 180  
ttttggcagc aggatcggtg nagggctggc 210

<210> 8233  
<211> 194  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)..(194)  
<223> n = A, T, C or G

<400> 8233  
atactcggnn ggnatggngg nctccatccg gncctcgcggt tccaccttcc atcagatgtg 60  
gtatcancaa gacagnagta ggacgagtcg gggcccttcc atcgtccacc gcaaatgctt 120  
ctaggcggnn cgtatgactt aagttgcgtt tacacacctt ttcttggaca aaaacctaac 180  
tttgtcgagc naat 194

<210> 8234  
<211> 242  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)..(242)  
<223> n = A, T, C or G

<400> 8234  
tcggagtcgt ntacgaggt aaaatacgna ccagtaaaa ttgtcaatag ccagtgctt 60

gtaattgttt tggtttcggn ttgttttcta ttagtactta tggtcagtct ccggctgtat 120  
 tgcatacctc ctgcatgcgt aggtaattac ggtatgtgtt ttagtggagc tgggtacttt 180  
 ctaggggatt ttagtcgggg gtgtatgtcc ttgttgggg gctcagctgc tcctccctag 240  
 tt 242

<210> 8235  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)..(242)  
 <223> n = A, T, C or G

<400> 8235  
 ggtacaagag agtcatggaa agtatattgaa cttgaactta atagcgatat tattaatgtg 60  
 tgtgtggcgc acaatcttgg cctcaaaagg tcatggataa cctgagcatg ctcttattac 120  
 ataactgggt agacaatacg accgttcata tacactgctt gctgtatcca cggaaagcac 180  
 acctgtcgca caatgctctg aaacagctac ttcacgttgt gctggacagc tgaagangtg 240  
 tc 242

<210> 8236  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8236  
 agtacaatta tatggcccca gggatattgc ggagggatgg gtttaaaaaa gtctttcgga 60  
 tataagaaag aacataggat gaaatgagtg gtggagaaag ggttacctat agaagactaa 120  
 ttattcaaat acttcctcta tctatagtat agtatattca ta 162

<210> 8237  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8237  
 gtgtacaggc tggacacgat gatggatcac aggcgctgga tccacgtgta agccaggacg 60  
 ctgagaacag gcttggcgag ggcgtggatg tgctcgogat gtacgacaag caccaggact 120  
 cagagtgc atcagcgtg cagacacatc gcacagtgc tgcttccgga gtggagtagg 180  
 actgccacat atggggagatc aaagatggca ctgaagtaag cgaaca 226

<210> 8238

<211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8238  
 gagtatttgg ggaacacatg tctaataaat gccatccttg agtctctcat aatcattgat 60  
 cagtcattgct gttatctcat gcaactgccc gccgaggttag ctaagaatgg gttaacagcg 120  
 agcagggcag acataccatg cctggatcca atgggataac aatgtttatt tggcagacta 180  
 attttactaa gata 194

<210> 8239  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8239  
 gtataaaaaa ttggagatgt aggggggttg agttgatgta ttattatttg attttatatt 60  
 ataataattct atttggtggt atataaattg atggggaggt gttttttaaa tatttaaatt 120  
 taggtttgga ttgattatgt ttatttgtga gttgtgatta tttttgagtt gtgaagtttt 180  
 gtaatatatta gtggtggaga tgggtgtttg gtatgtgaat attagcttgt gtgggataag 240  
 gtggagaatg tgggtgta 258

<210> 8240  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8240  
 caaccttttt tttttttttt tttttttttt ttttggtttt taaggggggg gggccacaat 60  
 ggtaaaaaag gaccttggga aacaggggaac gaaaaaatg gttttaacaa aatttgggaa 120  
 ccaaagtaaa atgggataat ggggggttggg aagaaggga ttggtttggt gggagccggc 180  
 tttgggctcc caattccttt tttttgtcct ttggctgggg ttagggaag gggggaggca 240  
 aagggcataag ctccacctct ggggtattaaa aaacggcaga acaaactgt 290

<210> 8241  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(290)  
 <223> n = A, C, T or G

<400> 8241  
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agggtgggatg atcaactgat ccaaggagga caaatagggtg acaatgagct gtgatattaa 120  
 cactgaaatg caaccggagc tgcattgtgaa cctgggtgaa tatacataaa taaagattgc 180  
 tgcaccattg gatgaagata ggtgatttca tatatgactt gcggccagat gcagtaggaa 240  
 acatatatct gtgacacgat tctacggaga tgactggagg gagagtacgt 290

<210> 8242  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8242  
 tactgtgttg aacttcatta ttcaatgtca ttctatgtca taataacaga aaaccctata 60  
 caatcagagt tgctcaatac tggaccttca tgcaatacta ggaaccgtta cgctgggtgca 120  
 ttgatacacg cacaccatac gagtcacaat gccaaatgga aa 162

<210> 8243  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8243  
 gggaccgcag ggtgcactac aacctacgaa ctacgcgcac caccaactac caccagctgg 60  
 tcgaacagac gcaagtatca tcacaagcat ggtatacaac actgctcctg cgcacgaaca 120  
 cctctggagg gacaccatgc tgtatgctgc taggctagtc tagtatcctg ggatattcaa 180  
 tccacttaat ctgagttatt tagcaagtcc 210

<210> 8244  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8244  
 tactcactat cgggtgctgga atcagtttca tagaatgact agctaatagc tgcagggtggc 60  
 tataaaagaa aggaatgtgc aacaaaggaa atgaatgatg tatatctaca tatgataaca 120  
 ctgacagctt gtgtagggtac catggagaac agccgaatag gctgatgtga agatgggtctg 180  
 tgtagggcta aaatgactaa gtaatgtgta ttgtcaaggc atgttccaat acagtataac 240  
 ag 242

<210> 8245  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8245

gtacacagga tatagacaat aggaaaataa tacctcggtc attaacaaca catatagaag 60  
gacaccagct gtatcgtgct ggctatcacc tacctgtata taattactta tctgggtataa 120  
gctgacaaca tagaccttaa gtgtagggtgg gcaatgatgc taggaatctg tggaaggt 178

<210> 8246  
<211> 162  
<212> DNA  
<213> Homo sapiens

<400> 8246  
gtctggacaa ttcactgagc tcgttctctc tctctctctc tgtgtgtgtg tgtgtgtgtg 60  
tgtgtgtgtg tgtgtgtgta tctggcttta tgttgcatte tttccattg ggccactgtt 120  
ctgtgccaac atgcaacgca ataatctgtt acccacatc ag 162

<210> 8247  
<211> 306  
<212> DNA  
<213> Homo sapiens

<400> 8247  
tacatgatgg aaaggaagaa tggacgacga tgcacgacgc tgatgaaggc acagataatg 60  
acgaggacga agtgggggga cgaacgaggg agatggatgg tcactagaat agtatgaccc 120  
ctgtggtggg cgaacgagcg agattgacag acatcacagc cgcattgact ctgcagtggc 180  
aacagatgga ggctcaacag cattaaccac gccaaagcctc gggcatgtac cagccggagg 240  
tgactcaggt gcataagaca gcccacagtt gaggcgatga cgtgggggaa gagcacaagc 300  
gagaaa 306

<210> 8248  
<211> 600  
<212> DNA  
<213> Homo sapiens

<400> 8248  
gccggtacca taaagaaagt aggattaaaa tctaaaaaga ccccaaagc ttttcaaac 60  
ctgatctgag aattagataa gaatatgtca cttagaaaga caagcctgta gcacccatag 120  
ctctgattaa cctgaaagca tcaagtgact ccctcttttt ccaccctacc aacatcactc 180  
taattatact tccaattaga aaaataatgt agcatttccc tggcagtaga gattaaatat 240  
gagttcagga atcagctcct ccaaacatgc ataaatgagg acaaggagaa gccagtcact 300  
cctgactgca cgggtcaagtg tgtgggcagt tgaaattaag gtaaaaacag tgaggctgaa 360  
caaaatcaca ttaagaaaaa gcatctcatg aggcttttcg aggtcagttg atgaaggcca 420  
gataggagtc aatattttct catatacccc agctgttacc actattcata ttccaacagc 480

ctccagattg ctcgaggcca cctgggtgac ttttaccttg gagtcggtcc agaaaagcat 540  
tatttaccct tgtgatattg tcctcacagt acctcggccg cgaccacgct aatcactagt 600

<210> 8249  
<211> 434  
<212> DNA  
<213> Homo sapiens

<400> 8249  
caggtaccac tatttgttgg agatattgca cagtggaaaa tgacataatc atggatatgc 60  
tatgggtgtac gctgtatata cagttgaaaa ctatggagtt cgaaatgttg ggggagaatg 120  
tgatatgaga aaaaagatat acatgtggta agaacctcta acaagggttaa tgtgcatgcy 180  
cgaaggctca tgaaagatca gtgtgtaaat tggcttatag cttatacaaa aaaaaaaga 240  
aataaaaaaa aaaatgacct cggatcgcca ccgcgctaact cactatgtga attgacggcc 300  
gcctgcgcga tccaccatat gggcatagct accaacgcgc aggatgcata gattgagtat 360  
tctatagtgt aacctggata ggttggcgta aatgtggtcg tatgctgtgg ctgagagaca 420  
attgtatcca ctcc 434

<210> 8250  
<211> 258  
<212> DNA  
<213> Homo sapiens

<400> 8250  
ggacgagctc cagtatatTT cgtagataag gcacagatga aaatgacata gtcattccatt 60  
gctatgagtg taagcagtcT gtacaatgaa aactatggat gttaaatgat gagggaaatg 120  
ccatgcgaga aagagagaca tgtgaaacta acagctgaca aaggtaatgt gcatgaccga 180  
ggtgatggga gacttcaggg tgtatattac cttctacata atagaaaaca aaagaaagga 240  
aaaaaaacaa atacttgg 258

<210> 8251  
<211> 434  
<212> DNA  
<213> Homo sapiens

<400> 8251  
gcaggtgcaa gggcatgggtg ctgagggggc agggggaggc tgaggcagcc gaaaacgcat 60  
tatttttctc tttgaatgat aaagataaat acaactacat atacaatata aacattagga 120  
aactgagaca aagataatgg ttaaggttat aacgtaatcg taatagcaaa agattataat 180  
agaaaaaaag aatacgaaga ctagtaacat gaggaaggag aaggaaaaga gaaaatgaaa 240  
catgaccgtg gctgaggtga agatgattca tggagaagga aatgtatatg aaagaaaatt 300

gagagagagg aatacggaga cacgaaccaa taccaatata agggcaatgg ttttgcatta 360  
 agatgaaggt gacggagaca gataaaggct aagtttataaa gtggaagttg atgaaaataa 420  
 tagtaagggg atgt 434

<210> 8252  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8252  
 cgtaggtagc gccctcccc tgtatgcctc ttcgtggcag taagcatgga atattgtaaa 60  
 tggtaggact ccagtaattc cttccagtgg ctctactatc aggctaggct caggtataac 120  
 ccaggttatg gcatattcgt aggtagctgc tctctatgtc tc 162

<210> 8253  
 <211> 546  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) .. (546)  
 <223> n = A, T, C or G

<400> 8253  
 ggcaggtgaa ggacctgttt atctctgatt tctggagttc agcnactaga aaccatcaat 60  
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 tttggaaacc tgcattctga ctcatcgcca gaggagtcag atgtggccac tgattctatc 180  
 ccaagagaga tcttggtcac aggaacctgc catttgaagt gtgtgtgtta cggcattggg 240  
 aactttgcca cctgcatcgt agctagaaac cagctaactg ttttgctgct tttgttgga 300  
 aagtgccaga ttcccagaag tcaactgttg gtatatgacc ctctgtttag ccaacttgaa 360  
 attgaagtcc ttaacacct tggtgtgact gttctcagtg agaacgagga agggaaacgg 420  
 agtattcgcg gggagcccta ccatctttta catgctccat tgtgggacgg ccttgtacct 480  
 cgggcgcgac cacgcctatc actaggaat tcccgggggc ctggcggtcg gaccatttgg 540  
 ggagag 546

<210> 8254  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) .. (530)

<223> n = A, T, C or G

<400> 8254

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gaccttcggc ctagccatgg gacttcagtc taactatgtg acgctactca tactaggtat      120
agtaactaac acaatgacta tataccaatg aagacacgat gtaacactga agagcagatg      180
ccaaaggcac aagacaacac cagtgcacaa aggcaccaga tgcgggataa tgctatcgat      240
tacgtgagat gttattttatt tcgcaagatg tttctgagtc tgttagcact ccatgatagt      300
ctctacactc caaccaagag ggcactggcc aactacgagg gtaacggcgc tcaacacgct      360
agaagccgca ctactaaaca catgcgcaac acttgcataa agaggatcaa ccagcagagc      420
gaaccatagt caaatgagaa aaacacgaaa ccatacaata caagcgctgc ttaacacaat      480
aagaccgggt cattacaata ccaactgtgca tgcacatag cctcccgaca      530
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<210> 8255

<211> 274

<212> DNA

<213> Homo sapiens

<400> 8255

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cgggcaggta ctcaccgtgc gtgacactca agcctgactt aacacagtgc atgtcatctg      60
atctacaaga agatacagaa ctggaaatga aaagacatgt ggcggaactat cgggcaatgg      120
tggaattgca taacgaacct gtctagttag tctagcgtga tgctccataa tgatgcacac      180
ttggtgcac atagagggtgt aagcaggaac caagaaccag ccagcagtgt ctacactttg      240
tgattggaca cttggggccgg ggaacacgcc tcta      274
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<210> 8256

<211> 418

<212> DNA

<213> Homo sapiens

<400> 8256

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agcccccccc cccccccacc ccggcccccc aaaccaccaa atgaagggca cgggaggagg      60
acacacaaca cgcccagaca cacagcacag cagggggccgc gaaacggaga caaccccccc      120
cccacggccc cgagaagaaa aacaccacgc ccccccccac gaacaccacc aaaaaaaaaac      180
aaacccccca caacaccccc cgggacccac agcccaagag aaccacccgg agaaccaaca      240
accgggggga ggcggaggca ggccccgggg agcagggagg aaagcggaca gccaggggag      300
gccgcgacac ccccgcccc gccgggaaag gcaggcggcg gcaagcagca acaagggggac      360
agaagggggg gcaggagcgg ccgggagccc ccagcaaaa ccaaccacaa attccggg      418
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<210> 8257  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 8257  
 ggtaatatga tgaataataa agatgatgca aacacagaac atacttagtc agacatagat 60  
 gagtacagat agatgttgag gtggctgggg agtcctgagt ggggatgttg gagaatggga 120  
 atacgaaaca gcatgctcta ataatggaca cactgggaga gatgcaacta agggttacag 180  
 actgcaagat gagacaacaa tgagccagcg tacacacaaa agatataaga ggaacacgct 240  
 acagaaatca agcaataaga tgaaaaagat aggggtacaaa ccacacacat taacaaaagt 300  
 ggctacaact gggaggaatg gagacaagag gctgtatctg ggtgctaagg tgacaagatg 360  
 caaggagagg gaagtcacat gcaatgatgg aaaggacaga gagaccacgc tgatgggtggc 420  
 tatggactgg gtaccaccat gatcgtagct 450

<210> 8258  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8258  
 ggggacagga tacggaggag aactcaatag catggtcact ggtgtaaatt ctgcattgta 60  
 gatacacgaa gcagccttta cctattactg gagcctgcct tcactaacia taaatgaaaa 120  
 agctgctatg cacttctaca gcaggctctg ggattgtcat at 162

<210> 8259  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8259  
 gtaccattgg tggccaattg atttgttggt aaggaggga tcgttgaact tatttgatat 60  
 ggaccggtag cgtagggctg gggacgggga cgaggagcac gatgtaggta gggacgatac 120  
 atcataccgc ttctatttgc tgcacgactg accatgatag tactagccaa gtgatggg 178

<210> 8260  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<400> 8260  
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 caagccattg gcacacaggc attagacaga aagctggaag ttgaaatggg aagtgaaact 120  
 gtatccaagt aagcaggtaa ctgggcaaac ttctacggc acaaattggc ttttagttac 180

ctcctagtg c tgaatgcatt aaataaatgg cggattottg tcttggtatg attaataaga 240  
aagtttgtaa atgcagcctg gatgatgata agcaaagtct gactgaacat gaaggcttta 300  
attagctcta actgactaaa ggcatttggt agttttggca ggggatgaac actcatctgt 360  
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atgcttactg ctgagcta at ggcttaaagc ttggctgatg aatactgact gtattttcct 540  
tgagcatgtg tggaacagcg gttatgtgtt ctccttgacc gtggttgga cggg 594

<210> 8261  
<211> 674  
<212> DNA  
<213> Homo sapiens

<400> 8261  
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gctgattaaa gttattaatt cagagactga aggggctgga cttgctacct gtatagaact 120  
gtgtgtaaag gctcttcgct tggagtctac agaaaatact gaagtgaaaa tatctatttg 180  
catgaccatt ttatgtttgt tgcctgatga tctggaagtg taaacgtgct tgtcaactga 240  
gtgaatatat tattgagtct acagtagatg cgtattatgc tgtggaaatg ttgtataatc 300  
agacagacca gatatatgat gaagagaatc ttctataacc aaattcttta cgctgtgagc 360  
tggtacttgt attgaaaact cattggccct ttgatctaga attctgggat tggaaaatct 420  
tgaaacgaca atgtcttgca ttaatgggag aagtagcata cattgtgtct tcaataggat 480  
gaactaaatg acagtgagga tatgaaaaag tggtagacta ccaagaagag agtaaaagaa 540  
cttctatgaa tgggctttct ggtggagtgg tgctaatttt ggccttctta aggacttggg 600  
gatgaaaaga caaaaaaaga gaaagataaa acaagtaaaa aaaaaaggga ttaatatgtg 660  
cttggattat gtat 674

<210> 8262  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 8262  
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aatatataca aagcaacata ctgatgattg tgataacgtg ccgtaaatgt aactgatctc 120  
tctgtcacca atgacgacag aggaggcata taacacaaat ggcaataaag ggtctaggac 180  
tgaggatcc agatgagact gaatgaatgc tataaataat cgggtggctac cacgcatatg 240  
aatagagaat cttcgtgcga ttagctgggt aacaatattg gataaccttc atacgcatag 300

gaaggatatg tagtaaatta tatt

324

<210> 8263  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8263  
 aagcttggtta ttttagttttt tttttttttt tgtgggttta gaggggctca ggggggctt 60  
 aagggtgtgcc agactgtacg cgcatagttc agaaaaaagg ggcttgaatt tcatgtgcaa 120  
 cttgggatgg ggggaaaggg ggacgtttga gaaggaggga aaacaggggg ggaatatattt 180  
 tcaaatacaac cttc 194

<210> 8264  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8264  
 attggggcaa tctcaaaagt agtaaaattt tttttgtctt ttggcttaac tctacagtca 60  
 cagcagacca agtttcagct tacatttaatt aggcagaagg ggagaaaaaa aattgacagg 120  
 aatgaaagtg cgtaagaaca tcacccttag aatatcaatta caaggtactt acatggaagt 180  
 agaaaacccat ctct 194

<210> 8265  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8265  
 ataggccggg cctggaggcg catgcctgtg gtgccacctg cttaggatgc tgaggccaga 60  
 taaatgattg agcctgtgag gcggaggatg gggatacatt gttgattagc tagatgagct 120  
 tgaaaatata gagataaaca agatcctaga gtgcatgaag ttggcatgag aatatggaatt 180  
 tgtttggtgg atgaatctga aacataatgt tagtgacagt aaaaag 226

<210> 8266  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8266  
 aatctatgac tgcatacagt tactaataca aatattaatt acaccacact ttggaagtat 60  
 aaaaatggta aggtaatggg gtgtaattga gaggatgaga tgagaggata gtttaggccg 120  
 tgtcttgctg cttacatgaa agaagacttg taacaatgaa tt 162



<210> 8267  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 8267  
 tgatcagaac acatcagatt agctacagtg ttgggattat ggggtgtgatc tattgctgac 60  
 ggatttgtgat attgtttgtg tcattatttg gtcactttga tatcgtagat tattattgtg 120  
 ttgtgttaat atagtataat atgtgtattc aatcaciaat taaaagacaa tatagtgtgt 180  
 atcatcaaca gggaaatgatg aggaaggagt gtaaggagag atcagagact gcaagagaat 240  
 aagtgcagag aagccagcag agataattat atatgtatta tataagtatc agtgtatgtc 300  
 gtgggttttca tattgctagg tagattcata aaattgagat ctctgtgata ctatagggta 360  
 tataatgttca acttgatatg aaactgtgat gtgtttttcca cagcggatga tacggccc 418

<210> 8268  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<400> 8268  
 cgggtatatt catagttaag tgataggtag aattaataat tcatggcatg tgattaaata 60  
 tctatcgaca catgctctgt ttattatgta attctgatat cttgaactag gatgtggatg 120  
 tggatttgtg tctgatagg atctattgga tactactacc aggttgagtt gttcatgatt 180  
 gacatggaaa actaccaatt gttataacat ataataatca tctatactta catatgggat 240  
 gggttcattag ggtogacagg tgtgtgcagt gtcccatgtt agtaatctga cttaatgtga 300  
 aatttatgac ccccccttgg tgctcctatg tggtagtggt atctattata ttttctttct 360  
 gtttggcttt tctctttttt ctgtgttata accgttgtgc ggtctggaga atagtgacta 420  
 ttttgtgtct gttt 434

<210> 8269  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8269  
 ggtctaattc tctcttttgg aatgtagatt ttttttttac catgctttac gatgtaaaat 60  
 atttatgttt tattgattcc tggatatctg gctgagggat tatacatgga acaggaagat 120  
 gcgtgggtgac tattcttgtc ggtgatgttg agagtctctc gtgactgtca tattgtagtg 180  
 gtagatcata tattcactct ggtaggccgt gacttttagg cttagttcag actgtgtggg 240  
 cggcgctcta gatgacttgt gtctgcgcgt ctgtctggag gacagcacta tgggatagat 300

cctaata

306

&lt;210&gt; 8270

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8270

tgtatattct agaagctgat aattccagtt ctggcgaact aggaagatta gagcaagatt 60

ctcaatcagc gtatgatctt cggagaggtg tgggaatgtg ttatataaca ttcattcttc 120

gggtgtgctct tggactaatc aacttatctt ccataagatg tggttatggg ttctgtatta 180

gtggtggagg tgggatgaga cgcacttaat catgatgagg attaatttag atattgggtg 240

tgatagtgtc ttgagaattg ttaagcacta ttatgtaata gctatttgat 290

&lt;210&gt; 8271

&lt;211&gt; 178

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8271

gaggctgtca atgggtgtag agaaatgagg gctccctaaa acaatttctt tatgtatatg 60

ttagtcaaaa gttatcatgc tgtgactata gttatagcga tgaagatgaa gaaaaggcag 120

atgctttgat cagtttactc atacaggaag ggatagacat aagtgcctc ttcatgcc 178

&lt;210&gt; 8272

&lt;211&gt; 194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8272

cggaggggata agaaggtaag taagataatg taaaataaaa ataagtgatc aaaaaacatg 60

taaaaaaaca aatatattta gagaacataa gttatgttct tgttggtggg gtggaggtgg 120

ggagttgggtg aggtgggttc atcgtcaaac gaaacagcac gaaataataa agaagaaaat 180

acaccaaaaa acaa 194

&lt;210&gt; 8273

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8273

ttgatcgaga agatgagaat gtggcttggtg atttacaaag aatattaggc ttatagtctc 60

agtaacataa tgatcatttg aaaggatat gaatgtgttg gataacagtt tacatttgag 120

tgtgcttctc tataacatga ttgatctacc ctaatattat gattatgtat ataaggattg 180

ggacatgtgg atcaggtgtc cggatttgat ggtgacgatg atatgtgatt atgggtgtga 240

gagtgaatat tgaaatgg 258

<210> 8274  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 8274  
 aggtactagg aaaaggcctg gctgccatcc atcgctgcct ctgaggggtgg agaaggaggc 60  
 ggggtgatgtg ctcaacttctg atcaacatgt gttgcctcct ctcagccaac ttctagctca 120  
 ctgcactcac tctggtcatg ataaatgttc gtcacctttc tgcttcattc cttagggcct 180  
 aaatcaggaa gctgttttat cgatgggttc cttttgggtc agtaaccagc tttggataat 240  
 ttctctgat tattcaagtc gtgggacagg taaactacat tcagcaggaa cttttctcga 300  
 ggagtgttat gtcatggaaa agacacccaa cacagcaagt attttaatga atacaccatc 360  
 ccaggggggt cagtaagctc tgcctggcaa gaagacacag tgagaggggt ccacagttcc 420  
 tgatgaggggt ggggtgtgggt acttgtagac cctaacatgg gcaggtctgg gtcaccttta 480  
 gaaactctca gagaaact 498

<210> 8275  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8275  
 ggtacatata atacagtctg tcaagagaac tactgggttaa ccaggaaaac ttggcatgat 60  
 tctcagcgat attgtgttct actgaaaggt acaggaatgc atcagataaa atataaagtg 120  
 tgatgtgctc ttgcgacagc gtcacgcatg tgcctaaga tttagttgct tggatccgaa 180  
 aagagggcgg tgtggcatta ggctcctgta ggcagtatga ggatgatatc aaatcatggg 240  
 tgtgaacctt ggctgctg 258

<210> 8276  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8276  
 gccgccccgc ggccagggtg caatgacacc tttggggaag gaaaagaaag actaccgttc 60  
 tcacccccctg accatttggg attagcctgg ctgccctcaa aaacttccca cgctcccctc 120  
 ccctgcgcca ccctcctaaa gatgacctgg atactacggt gcctgcccc accccagtta 180  
 gcctccccct actccctggg cctacggagc gcgcacaggg cgcattgtacc tctaagaaa 240  
 tt 242

<210> 8277  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(162)  
 <223> n = A, T, C or G

<400> 8277  
 tatattaata tntgaatgtc gttgtgattc ttatggtact gtgatatatg ctatagaaag 60  
 atggattgga gggtttgaat aggttatggt atagtcagga gagatagaaa tgggtgatgg 120  
 gaaatggtcg tggatatgata tgatatgtta ttctgatctt ca 162

<210> 8278  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(402)  
 <223> n = A, T, C or G

<400> 8278  
 atcatgaaat atactctatc cctcttctgc ttaatataga tctgatctca tactgactta 60  
 gaatacaatg atatatgtag tgtgtgagtc gtgcagtggc aaggtcagga atgatagtga 120  
 tataggatat agtcttgcg tggtgacggg atattgagtt tctattatct aacttagtgt 180  
 cacaatcttg aagaagtga tagtttgaat cagaccagtt atcattcttg atggaggaaa 240  
 agggatgatg anggtgggtg aacagcatct cctttgctgc ctctctgcct ccactatcct 300  
 gtcccatga ggagcggaag aaccgttatg actgatgagt gggtcactgc atccctttct 360  
 cctggcggtg tcttggtctt agctgcactc tttaggggca ga 402

<210> 8279  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8279  
 tgtattgaag taccaaatct attgatgttt ggtgctgata aagaatgtag actgtagaga 60  
 ctgacagtaa ttacttggtc tacttaatga tgtcctatgt tttattctac atgcaaaaag 120  
 aatgattgat cttcgagcat tgtaaagtgt tgtgggcggg aattattgtg gacagatgat 180  
 tcttgatttt gagtctatac agatgtgcat tattgctgtg gaaaggcacg aggcagctgt 240

gtagctctta taaataagga tcaaataatta gctt 274

<210> 8280  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8280  
 gtgatgaagt taaaattatt gagtgggtgc agaataagag tgtatacagt agagaataga 60  
 agtaataata tgggtctactt aatgatgtcc tatgtaatat tcgacaggca aaaagaatga 120  
 ttgatcaccg agggatgata aatgttgtgg gcggttaatta tagtggacat atgattcttg 180  
 aattagagtt atgg 194

<210> 8281  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8281  
 tttggatgta ggacaactca tttgagaatg gtatgatgaa tggattgaat ctactgggtg 60  
 ataaatatgc atacaagtga ccagctactt ggcgtcaatt caaaatacta ttgataatat 120  
 aacaaatccc aagatggcat ggtacagaaa agtggatgat gtgcatactt aatgttca 178

<210> 8282  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8282  
 cacagcagag ggcaagcggg cacgacgaag agacaaaaga cacaaaacaa gaaacacgaa 60  
 accaaaaaca acggccaaac gcaacacaac acaccaacac aacaacacac acacacacaa 120  
 aaacaacaca acgcaacaaa caaacaacaa caggacacag gc 162

<210> 8283  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8283  
 gcaacacgag ccccatcac acagcaccgg ggcaaagcgc agagccggac gggcaccggg 60  
 cgaccccgcg ccccgccgca gcaaaaacaa ccaaacacgg gcaaaaggag accctaacaa 120  
 gccgagaagc aaaacgtcat cacacgccac cccctgcgca aaccgcggg gaggagcaca 180  
 acaagaagca cccagacgcc ccagccaacc cccagagcc ccgtaacaaa cggccagaga 240  
 gg 242

<210> 8284  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(530)  
 <223> n = A, C, T or G

<400> 8284  
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 ataatgttct acagaaagat catgccaaga ccagtgatcc angaagatca tggaaaataa 120  
 tgcacatcag tagnaacaaga gaacccatag agcttaaagt tgtgtctgtg acaggattca 180  
 ctgcactgtt tacttgggaa gtggaaagga tgggctatac cattaccctc tgggatttgg 240  
 agaccaggga catgcagtgt tcttccttg gcacaaagtg tattcctgta gacagtagtg 300  
 gagaccagca gctgtgcttt gttttgacag agaatggact ctctctgatt ttgtttgggt 360  
 tgactcaaga agagttttta aacagactca tgatccatgg aagtgccagc actgtggaca 420  
 ctctttgtca tctcaatggc tggggaaggt gctcaattgc catacatgca ctataggccg 480  
 ggatagaaaa tcgtcagctg gacacaggaa atttcttttt ggagagcaag 530

<210> 8285  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8285  
 acaccaaaaa gtaaaccatgc aaagagggcc gaacaacagt cataatgata aggtctgaga 60  
 acaaaatcag gagaggatag tgctaaatgg ctgacaggat attagccata cgacattaac 120  
 tacatctggt gaggaggcta catgactgga gaggcagcaa acaactggaa gccaaagaac 180  
 acctcaatgc atgactcaga ggggatagca gcagaatata ctgcaccctc ggatccgaac 240  
 taacatcaag gatataggcc taaagaggat ggagcttcta agatgttatg aactggtacg 300  
 agagca 306

<210> 8286  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8286  
 tgagaaggcg ccgggcccgg gactaggcgt gagccgggga gggtagactg gggcgagct 60  
 ctgcggcact cgtctggtgg taataaataa actaaacat gggtcacaag gtacgatccc 120

taatgaagct ccgagtagga caaaaatgct cgatgatgat gtcacttcct tctgttgcca 180

gaacttttgcg tcgt 194

<210> 8287

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8287

cagttgcagt agtataaatc cgaccgtgcc tggcccagca ggacccccag gtggacctgt 60

tgacaaaaac accagcatct ggggccgtgt agtacaggta ccctgtctga acgatagtgc 120

caaaaaactg caagtaagta tgggtgggata tagacccac cccactaaca cagtgttt 178

<210> 8288

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8288

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ccaaccgctg gttgctcacc tgcattaacc acccccacgt gcggtctgtc ttgggggaag 120

tggaaatggg tggagatgat ggctgagtg ttggatggtg agaaaagggt tgtcgaggag 180

gacgcgtagg cgta 194

<210> 8289

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8289

agcttttgtt tttttttttt ttttttttgg gaagggatga tgtgattttt tcttttataa 60

catgattttt aaagacatta tgcattgggg taacattccc ttgaaagggg gcttgcaagg 120

gttatgagcc tctagccgag ctggaatctg gaggaagagg cagagaagct tggggaaaaa 180

gaggcagggg aggagggggg gggcataagg 210

<210> 8290

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8290

tgggtgataa gggtagatgt attattattg tttttgattt tgatgttgtg ttttttaatg 60

atttgattat agggaaatat tatgtaaaat aagtgtggat aacaagtatt gaatagggaa 120

ggggatgggg attgtggggg agagagtgg ttgatagtga gt 162

<210> 8291  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8291  
 gttgtgaggg ttgggtggtg ttatttgtaa aaggggtgaa ggtgaattta gaatggactt 60  
 atttgttggt gtgttttagga ggtaaata atataaatga aagagtggaa gaatagtaaa 120  
 agtaaggggg aaggagggat aagggttgt ggtttggtt gt 162

<210> 8292  
 <211> 514  
 <212> DNA  
 <213> Homo sapiens

<400> 8292  
 accgtttttt tttttctaga gtcagtaaata ataagcttga gttgaaagac tttacttatt 60  
 cctgctgcta caatttaatt ctctaataat aatattatat tcagagtatg gcttattaag 120  
 tacagggccc acatattgaa ccaagttcat gcagatttgg attgaagtta atactaacc 180  
 aattacaggt tgactataac ttgactctta aatttgatat tatcttcaaa attataaata 240  
 gattacagag atttagaact ggttataatt tagtaagatt aactttgcag tgtagaatt 300  
 tttagcaaca aattttttaga atttttttag caaaaagagg aaatacacat taacaataaa 360  
 atatgctaga ctggctctgt tggctgaaca gagcatcatg tggtaaaga actgtagaaa 420  
 cgggcttacc aagggttgaa ttctaccac tgctctccgg tgatgtagct gtgttatcct 480  
 ctctgctgta ttctcgggtt ctcttagggt catt 514

<210> 8293  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8293  
 gggagcgcag ggagctgacg tctttccggt acaaccctga gttctactct ggcattgggg 60  
 actgtgaggt acacatactc aggtccaggg atggaggggt ggtcaggac gctataggtg 120  
 accttctggt tgtatatacg ggtgtgtgct taacagccaa agtttacctg agtccgtttt 180  
 cttgggggtga tgaacagatg ctgtcttgcc 210

<210> 8294  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8294  
 tctggagtcg gcaggatagc gggaacagcc actgggcttt ggggaaagga ctogattagt 60



agatcgagag tattcgtttc tatgcattat caccagcgcg gcatgcatat gttctagggg 120  
 cagatcattt tatatatctg agttatttag gtigattcat tgcagggggtc tagttacatg 180  
 gaatgagggt agacatgagt tctgtaatta catgagagta ggtaatgggg ctttcttcag 240  
 ag 242

<210> 8295  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8295  
 gaggtagcat acattaggat agggatggat gctagtctaa gtattgtcga tgtgcttact 60  
 actacctcct gtgatcgtaa aggtgattga tatataggag tggctcttgc atgtacgtgt 120  
 atgagacaga gtggatgggtg aggttaagaa gatggacctg ttgcgcgccg ttttgcacat 180  
 ggtatagata gatgggtgatg agtgcagaat aatctgatgc ttatgtgaat gagtacgagc 240  
 tggatttgta cagccggg 258

<210> 8296  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8296  
 ggcgcaaggc agcactgggtg gtgcggcat tcgagaccct gcgctaccgt ttcagcttcc 60  
 cacaattgaa ggtggagctg ttggcggtgc tggatgctgg cactctctac accttcaggt 120  
 accacgagtg gtcccgaggc ctgcgcatctt acagactatg cccgctggcg ggaggctcag 180  
 gtcccgtagc gtgtgcaatg ggcggcccgcc tatgaactct acgtgggtgg gccacgagac 240  
 tgtccccgct atgacccctg ctttgtgggc ttgggctgga acaaagtggc ccacattgtg 300  
 gagctggatg cccaaagaat atgagctcgt ggtgctgccc gagggcctcc gcat 354

<210> 8297  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(162)  
 <223> n = A, T, C or G

<400> 8297  
 aaaanaagta ccacctgagt cagtgagggc cacagattgg tattaatgag atacgaaggt 60  
 tgttggtggg tgggtgtgtg ctggagctaa gtggataaga atgtagtggg agtggaggta 120

agaatgggtg ggggttaaagg aaggggggatg ggagggcggg gg 162

<210> 8298  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8298  
 tcaaattgtag agtagagagg gaagggaagg agaaggtggg aagtgaaaaa agaagatgaa 60  
 aggaggatat agagcagaaa aaagaaaaga tgagtatttg tgaaagggga ggaaaaaaag 120  
 aaaaaaagat tgaaaaggaa gaggatttat tgtatagaag taattgaatg aggaaaatgg 180  
 tgtgtttgtt tgatttagat ttgtatatatt tagtaaatta tagttggggg tagagaattt 240  
 gtatgatata ggatgaacaa aaaaggggta gagagagtta tatgtcataa ttctgaattt 300  
 aattgtgggtg tggagatggt aattaattat ataaaggaga aaataagttg ttaa 354

<210> 8299  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8299  
 tcagtgtatg acccgtgagg tgcctgagcg tatttgacgc gtttctgatg attctgcggg 60  
 aacagtgggtg catgtgccgc tagaccggcg agctcggcga cttgagtgat gacgacttgg 120  
 acgtgggtgc caacgacaaa gagaagtgtg agacgttagc cggacacgtc tgagccagga 180  
 gggaggtggg gttg 194

<210> 8300  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8300  
 tctggttact atgtgacctc agggagaagt tagtaagata ttgtgcatac acgttatttag 60  
 atgggcgtac aagtgcatac aagtgataaa agaaggggtga gaagagatgt ctgaatccag 120  
 aatcgaaggc gatcaagaat tactgaaagc agttgagcga ggagaggtag gtttgatgta 180  
 gccggcagaa gaatcgctat ttaggaaacg gcaaactggg agtcgg 226

<210> 8301  
 <211> 533  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(533)  
 <223> n = A, T, C or G

<400> 8301  
 tacactacac cagccgccag ctctgcccc aagacaagac catggagttt ggccgagact 60  
 tccggatcaa gcactatgca ggggacgtca cgtactccgt ggaaggcttc atcgacaaga 120  
 acagagattt cctcttccag gacttcaagc ggctgctgta caacagcacg gacccactc 180  
 tacgggcat gtggccggac gggcagcagg acatcacaga ggtgaccaag cggccctga 240  
 cggctggcac actcttcaag aactccatgg tggccctggg ggagaacctt gcctccaang 300  
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 tgcagggatt cagggtggagg gaggagatag agggggtctg gcagggtggg aggggctccc 540  
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 <213> Homo sapiens

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 gggggccgga gggttattcc ctttagggag ggtgaatgtt tagtttggag gtgggcgg 178

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 tcagccacta gatttttttc cccctttctg aaactgtaac ctttcattcc agccattccc 180  
 cagagctgga cagaggacgt ggctggctgg ctggtttctg tagtcagaat gacagttggg 240  
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 ctccaggga atgctgtgag atctgcattt agcctgtgtg tgctgattgt ggttctgccg 480  
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 <212> DNA  
 <213> Homo sapiens

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 cagagctgga cagaggacgt ggctggctgg ctggtttctg tagtcagaat gacagttggg 240  
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ggctctgaaa gtggtagaag ggaattcttt tctatagttc agctggccgc tgcctgcgc 420  
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 agaggagtgc tgaggaagaa gtacaggaag gggacaacct cctcagacct gataggacac 240  
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 aggcgccagg agtctcacgc gcggcactga tgtctcaagg gtgaccgag agtcgctgaa 360  
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<212> DNA  
<213> Homo sapiens

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ggagctgagc ctgcccactg ggtattccat tgtctatgaa ttgaacagga ggagcttgaa 360
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434

&lt;210&gt; 8312

&lt;211&gt; 482

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8312

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cagcagttct caagcactac tgcccactgt acctgattgc ctgggtctgc gcctgggccc 120

ccgcccctttt acaaaagggt cacggcctct caagagctgg acatgaagga tggggcaagt 180

ccagtcttga tcggtaatgc ccacttgaca ctcccaggag cagcatcata gcatttatac 240

aactccttgt ctcatctccg atgctgggca cacaggccat atcagtggac tcccctcacc 300

cgtccattca gttacaccac ttaagcctgc ccatgaagac aatggctaag gtgacagttg 360

gttacataaa ttgaagatga gtctctctc cagatgcatg gtccgtgaag aaatttaata 420

gcaaagacga gaagaagata caagtcttta atagtctctt gggatattttc tcacccaaac 480

ag 482

&lt;210&gt; 8313

&lt;211&gt; 466

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8313

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ccctgacatg tccaataaac tcaatcatct ggaagatagc tcagtaggtg tatccttgac 120

ccagcattgt gggagaagat atgtctggaa tgtgtatatc tgcggggagt gagaaaggaa 180

tgtcagcagt caggatgtct gcagatgggg aattagaaat ctgtcttagt gttggtggga 240

gccagttcaa aagagacttc agaaggattg atggtttaga cggggtatct atataggacc 300

tgtttagatt aacttcagtg gaatgagggga tgatgtatta ggataatata gttagctgta 360

accagcaact gagctgtaac aaagccactg acacttctca ctcatattct atagtccagt 420

gagggcttag gggacagggg gtgctctgct ccctccattc tttctg 466

&lt;210&gt; 8314

&lt;211&gt; 322

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8314

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caccactccc agccctgaga ggggctctgg ccagctctgc taggtctgag ctgtgtctat 120

gcccggatgt ggcagataag gagaaccatg gtaggagccg taagcagctg tgcgcaggca 180  
 gccagaggggt ctcgagggag gaaggcgagc gggcgggagg agcctggcgg cgggccacag 240  
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 ggcgccacggc catctagagg gg 322

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 <212> DNA  
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 cgccagccgg ccggctatct ttggcatctt ggcagctgag cccccctcgg catcccccca 180  
 ggccccgtgg cccaaaccag gttgtgcgtc tcctcacggg tccactggc cttcgatcct 240  
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 ccagagcgaa cagacgcgga gcccggggag actgcttcat gtcagagatg aattgtacgt 360  
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 caggggagaag cctaattcaa tgactggcat ccttataaga aggaaatctg gacacagaga 480  
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 gtgacaccag ggatgggcag ct 562

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 gctttcttat tttatgctag tagtatgtgt gtgaggacag attagtgatc gagaatcact 360



ggaatgtggt ggtgagatat atatatnttc tccatatcta agtaagggat tatatttc 418

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 tt 242

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 atctcccttt atggaaggag taatatgatg aatcggtatg ggatgggttg cgggtgtcttg 180  
 gtcgtgatca agctagttac tattgaattg ggggccgcgt gcatgtcgat catatgggca 240  
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<210> 8319  
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 <212> DNA  
 <213> Homo sapiens

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 tcatgagtag ggtgatatac atcaataccc aggaccaagc atgatcatcc tgctaatact 180  
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 tgtaagcgaa tgatgagagg tgacttgagg cacgggctcc aaagaatctc acgatgtaag 420  
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tacggc

546

&lt;210&gt; 8320

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8320

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cacacagcgc tagtgacaga tggagacctc atag 274

&lt;210&gt; 8321

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8321

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agctattatt agaaaaggaa ggtgaaattg acatgggagt tagtaaaatg tataaggaaa 180

atgattttta taggggaaag gtaaaggatt ttctggccgg aaaaagcagc aaaggacaag 240

tattacttaa agtcttgtga aaataacact tcttcttgct tgtacctggc 290

&lt;210&gt; 8322

&lt;211&gt; 242

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8322

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agcactgccg acaccgcaa ctcaagccat tccaaccaa ggaagaaagg ctggcgtttg 180

caccccctga gggaagggtc ggcttgtaaa acagcacaat tcggagtgga atgggaaggg 240

ta 242

&lt;210&gt; 8323

&lt;211&gt; 226

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8323

ccgcgtcggg gcagggtggc ttaacgaaaa ctggaaatgt ctgttgatgg ggaagaaaca 60

agagctaata caatagctag gagcaaataa tatttctctt atatagcttg aaggtagcag 120  
 gtacagtagc taggtacata gtgaaagaag gattacgatg gtaatgaaat aatttgtttg 180  
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 aaggaggcgg gaaaaaaaaa acagatacgg ggaacatagg gggccccgcg gctccagggg 180  
 cctcgaaagg tctatcgcg gacccacccc cccaagaaga aaaaaacccc aaaagccagg 240  
 ggaaaccccc ccgggggggg gtaaaaaggg gggaagggcc cggggctccc 290

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 gaaccctgtg tgagaccctc cactaccag cgactggcc ggtttaggag gaaatcaagt 180  
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

<400> 8327

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 aaatcagtgt cctaaatggc tggttctgtc tgtgctcctt tgacagagag caagacagac 180  
 ggtaagtagg agattgacta taatggggag atgatcgact gtgtgtgaga gggggaaggg 240  
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 <212> DNA  
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 gctaacaatt atttaaaggg aggagagagg aaagcaggag cagctgcagg aacagcagca 180  
 tttttgggta cctgccccggg gcgggcgctc gacaatcact agtgaattc 229

<210> 8332  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 8332  
 ggtcttttgg tgggagttga gcgcatcaat ttgggggtgg gtatgatcca tgtttataca 60  
 cattcatgct tccataatgc ggttgctata gggatacgag tgactttcgt gaggccaat 120  
 ttgacatcat gtctgggcac aagatcttta tgtgttctaa attgagagga gatgatctat 180  
 gacatccttc acttttatcg ggtaatacta catgtatagt tcagtaatgc gggaggggtct 240  
 ctatagacat tttgaatttc ctagcataat gtctcaggac cgtggtgaag cattatatgg 300  
 tttttccaat acatggttgg gacgcaaggc ggcgtgtcac gtacggccac aggcagttca 360  
 ttgccccggc 370

<210> 8333  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8333  
 ttcattgatgg gttactcttt tatgtctgaa ttcattgttta tatatgcgta tagtcatcta 60  
 tcgtatatct ataattatct ataatatgtg ttatctgcag tgataaatta tgatcttgat 120  
 gtcggtggtg atgattaatt gtgtgactcg tcattactat gaagatgatc ttgaggctgg 180

tatcgtctgt gcatgaaggt gattgagtgc tggcgcacag gatttttaaag atggctctaa 240  
 agtgtgcata gaggttgggtg ttcagacaaa atatgaagat gagctagggtg atcggatgat 300  
 ggaaatacac ttgtggagcg tgattctaag actgaagact cgcttgatga tatcctctaa 360  
 gatgaacgag tcgatgctga tctccgcgtt ctcaggggat cactgagcga tgaagacag 420  
 gatgagggtat gagtgtgggtc tcgacggccg gtcgggtgctg gtggccgttg ggatgtgaca 480  
 gcctggagat gatatgtgca taacgagatc cagatgacaa ttccaggtg 530

<210> 8334  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8334  
 gatgtgggtg tggctctctat tgagcatgtg catgcactcg tgtagtactg gaggacacag 60  
 tagctctaca gcgtcatgtg gcagaggata atgatctggc tagttgtgtt ttatagaagc 120  
 agctatctaa cagctctcga ctgcgaaga cgctctgtcg ggattggctg taagcactac 180  
 ggatgtcaca tgggtgtagtg gctgggtctgc aatgagtggg gctgatggct ccctgtgggt 240  
 acgagtctgt attcctattc accgaagggt gtgctggagt gtctgtctgc tgtctattaa 300  
 tacacc 306

<210> 8335  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8335  
 atacaaaacg cgcaatatct aattatgaac agcgttaaata ccctatcaaa gttcaaata 60  
 aatgtgtggc ttatagtgtg aatgcacaga tatatagcca tatcatgtca tgttgtgtgc 120  
 ggagttgggg tgggaacacg cagaaccgga gccacgtcag ctacacctca aaaagtgc 178

<210> 8336  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8336  
 agaggggaaga ggggttaaaga aagatgataa gaggatcaat aaattaattt tatgaaataa 60  
 aattaggtca taggggtatg gaggaataa agaattagat gattatggta ataattgtga 120  
 aaaatgtgat taagtgtaaa gggaggtatg atgagaggat gg 162

<210> 8337  
 <211> 338  
 <212> DNA

<213> Homo sapiens

<400> 8337

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tgataagatg tgaatacata tagtatcata ctatataaat aattcttggg gtgtactatg      60
tgcacaacat taataagtat atgggaacat gttcggctta tgctgcgttg cgatatattg     120
tgatacagag ggatctacgt ctaggtatgc tgatggaact agtacgagtg atgctcatat     180
gaggtctgcc tagcgtccat aggcagctcc acatgtacat tcaactgaaat gttgttgtga     240
tatctgcact gaggaagcgc gtaggttata tgactttgtc atattttggc gtgtataggc     300
ataatggaat tcattcagtt tagtgcagga aagcacac                               338

```

<210> 8338

<211> 610

<212> DNA

<213> Homo sapiens

<400> 8338

```

ctactttgta tcactctctc tattattttg aaagactggt taatttttca tgtcttacat      60
tcccaactaa agacctaaaa ttgttttgta tcccactca aaatgcctta cagaaaatac     120
aaaaatcaat ttgatcggtt ccttaattac aggagtcatt gcaattagtt acataatttg     180
actcttggct atcagagtta cattatttga acttaaataa ccatcttcct gtaactgaat     240
ataatttata ttccctatct ccagtaatta actggcataa aatacagaaa taccaacaac     300
aagtagtgta cccactgggt aaagtgcata gactctgtgg ttagacagac tatataggat     360
tgctgaatca gatactacaa tacatagcag tatgacctta aaccattgta ttaagtcac     420
taatcttcta taccctcatt gtcaaaaaat tcgtgtatca gctacgtacg aatactagt     480
tatgaccttc cacaatcggc ttaagctctc tactaatcaa tttactcata gtacaaaatg     540
gggaagaaaa cagtatgggtg ttcggaacgc acacagtgac tgatggagag tatgtgctag     600
ggagaaggga                                         610

```

<210> 8339

<211> 194

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(194)

<223> n = A, T, C or G

<400> 8339

```

tgaaagctat ataattagac attgtaaatg cottagataa tttatgggna ttttatctga      60
agaggtaata tgacatattg gattactttg tgagtgtgaa tataaagata agagaaggat     120

```

gagagaagga tggatgatg agggatgtgg atgagaaaga ggaagagtgt atgagagaaa 180  
 tgggattaga gaaa 194

<210> 8340  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8340  
 ctgacatcac cgactcatat gcttattacc accctgcttg agcaggctgg ctcccaacgg 60  
 agatgaacga ccgtgttcct gcctgggtgt tattcgacat gctcaggact gcggggagaa 120  
 aggatgagat ccagcaggga agaactgcct gctgccagca cgcaggagag ggtggggctg 180  
 ccggccatta tgtccatacc aacacaatgt 210

<210> 8341  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8341  
 ggtactcatg gatccatagg aaagcatgtc agtgcctggg gccacacta tacatggaat 60  
 tgtggagtat gaggaatatg gcacgaccct acctcttctt aagacagttg cagttcacag 120  
 ggagaggagg aagatacatc aataacccca aagtccatga aggtgcaaag agttatgtgg 180  
 ggctgcccag gcagagggtga caaatgccca ctggtgacaa gacactgggtg gacatagagg 240  
 gaaaagccca catagaaagg tttccaggca gacaggaagt caaggcagtt ggggacggga 300  
 agtcaaacaa gtgatgctgg gacaccgctt tgatgggt 338

<210> 8342  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8342  
 ttcctgataa aggggacttt ccatgccgtc aacagggaag tatctgaaca tactgcctta 60  
 taccgattgt actcactata taaggaaaat ggggtgcagta gtgtggttca ctgagtcggg 120  
 tgggaacaat gatgggtgcag ataactgccca ggagtaactc attctgggtga taatagatgg 180  
 gacgtgtgca gcaacacaaa aataagccga tgaaagaaaa gtcctcaata gagtgtgctg 240  
 tagtgtactg ggcaccagta ggctgggtgc cccttggtac atgttacctt cggcacgcgt 300  
 accatcgctt attcagtaag tg 322

<210> 8343  
 <211> 178  
 <212> DNA



<213> Homo sapiens

<400> 8343

tggtccagaa gttataagaa tgatatacta tcgattttta gaagatggat gaaaaagttg 60  
tatgctgagt catacgaatg aatgaggtag acatgggaat gtaagtgtca ccatgttgtg 120  
atatgtgtga tcttagggta aagatgaatg aaatatagtg agtatgctcc cattcttt 178

<210> 8344

<211> 160

<212> DNA

<213> Homo sapiens

<400> 8344

acctagaatt aaaaccaaga ctctgtgatc agaaatcttc aggcccggtc ccttggtgccc 60  
tgtagacaat gaaccaaag atggcgagtt caacagtggg acacaggctg ggcagatgg 120  
ctcatggctg tatatcccag cacttttagga ggccaaggta 160

<210> 8345

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8345

gaatttagta aggctttggg cataatgaat tagaagcggg aagaggattt gtgcagataa 60  
gttatgcttc ggggctactt ctcccatcaa gtcaaacttc gtctgaattc tggctatctc 120  
tctagccatg ttgcttcgc ctctcaaaa ttcaactggg tggttgaatt tagactccgg 180  
gttctaattc tggg 194

<210> 8346

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8346

caaaaattgg gacgaagaat gatgaaaagt aaatttagaa tgtgctgtgc cgagaatgaa 60  
agaaaaagca gcgtggggtc tgcgtatcca gactggggga gtggagcagg aaatcactta 120  
gccagagtg gcgagaacc taaaaataaa aataaaataa aataataaga aatggagcag 180  
aaggcggtca taggagccaa ttttattaac taaaccaaac ccatga 226

<210> 8347

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8347

ttcagagcag actaacgtgg gctgccatta tttctattta tatgtataag agtatgtctt 60

```

cgtgatctgt ataaaaagtg atcgtgtgaa agatgctgat tgtcagtatg ttatgtcaat    120
gtaatcaaac ataattgata tctttaatgg tgtaggagat gggattgttc tttgttaggt    180
gatgatactg tcagtgcacat acaaaataga tgaaagatta atcaatcaga cgaaactacg    240
cttatcacta atgaagaaaa tgtgaactgg gggttgaaca taggcgtgag catcgggtgc    300
cttggtggtc ataatagagg tatgatgata gtgtggaggg gatagctgat ctggatcatgg    360
acttctgtgg gtaggtgtga agatgtgttg tgtgctgaca tcgaactcaa tagaaatgag    420
gatctgattg tgctattgat agagtgtgtg aggcgtgagg atttgctgat tctctgcgct    480
gaagagctgt gctgatgtgg gctagttaac ctgtggagac atgcaggctg caatgaatgt    540
gggcaa                                                                    546

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<210> 8348
<211> 354
<212> DNA
<213> Homo sapiens

```

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<400> 8348
tgagtacttg aaaaaatgaa agtgagagat gtaatactgc tggagacaag tgggtctactt    60
ttactttctaa cttgtaatca atgtgagcga tgatccatta tcatccaaat agagtgtgga    120
gactatcgga ggatacgtga gtgtcaagta ttccaatagc aattaaaaca aatgacatga    180
cttcgagaca gctgactact tatttcggta atgtgatttg aatgtgcctg gcagtcgcaa    240
tatatgagat cgttcacgtg atggctgatg tgtcgccagc atattatata gggtagcgaa    300
aatggagtga gatgctgttg ggaggtcgat gagcatgtga ttaatgggtg tctg      354

```

```

<210> 8349
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<400> 8349
tttttttttt tttttttttt ttttttttgg tgttttgtgc ttttatttta cgaaaaagct    60
aatggcaaaa tctacattta aactatagat gaatccaaag cctttagtga gagaaaggct    120
ggtaggggtg gattacataa aatggaccag tgggcatatc tt                        162

```

```

<210> 8350
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(210)
<223> n = A, T, C or G

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<400> 8350  
 ttngtgaggt ccggagggta catgctgtag tgcccaaagt tgttgctgtt tttttattaa 60  
 gtatagccag ggattacgta ggttcaaggt cccaccagat aatgtcctta atagaaatta 120  
 tgttaaacad ttatatctct ctacaaaata ccttattttc ccaaataaag attaataatt 180  
 aggcaggtat taggagaatt aaaaaaactc 210

<210> 8351  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8351  
 gctatgacag aatcattgta tgtgagctta aggtctctgc ataaaactga agttaagtag 60  
 ggtagcctgc ccgccaccat gagctgactt gaagagctac tccctgcgtg taagtatctg 120  
 ttggcacagt atgtagtggg gcgtacgatt ccagaaacgc ac 162

<210> 8352  
 <211> 854  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(854)  
 <223> n = A, T, C or G

<400> 8352  
 ctcagcattt aatccaaaca ggggttctta gtctcagcac tatgacattt tgggctgact 60  
 acttatttgt taggcgggag ctctcctgtg cattgtagga taattagcag tatccctggg 120  
 ggctacccaa tagacgccag tagcaccctg aattgacaac ccaaactctc cagacatcac 180  
 caactgtccc ctgctgaggag aaatcactcc tgggggagaa ccactgacct aaatgaattc 240  
 taaaccaatc aaatgtctgg gaagccctcc aagaaaaaaa atagaaaagc acttgaagaa 300  
 tattcccaat attcccgggc agcagtatca aggtgactt gtgttcattg ggagtcatta 360  
 taaattctat aaatcaatta ttcccctctg gtcttaaaaa tatatttctc cataaacatt 420  
 tgagttttgt tgaaaagatg gagttttaca agataccatt cttgagtcac ggatttctct 480  
 gctcacagan aggtgtggca tttggaaacg ggaataaaca aaattgctgc accaatgcac 540  
 tgagtgaang aagagagaca gnagatcaaa ggcttttagac agcactcctt caatatgcaa 600  
 tcacagagaa agatgcgcct tatccaagtt aatatctcta aggtgagagc cttcttagag 660  
 tcagtttgtt gcaaaattca cctactctgt tcttttccat ccatccccct gagtcagctg 720  
 ggtgaaggga gttatttttt caagtggat tcaaaccaag ctcaaaccag aactgaaaat 780

agagattgca ggaatccttt tctaaactgc ttgccccttt cctctcactg ccttttatag 840  
ccaatataaa tgtc 854

<210> 8353  
<211> 642  
<212> DNA  
<213> Homo sapiens

<400> 8353  
ccgaggtaca tcagcattta atccaaacag gggttcttag tctcagcact atgacatttt 60  
gggctgacta cttatttggt aggcgggagc tctcctgtgc attgtaggat aattagcagt 120  
atccctgggtg gctacccaat agacgccagt agcaccgccga attgacaacc caaactctcc 180  
agacatcacc aactgtcccc tgcgaggaga aatcactcct gggggagAAC cactgaccca 240  
aatgaattct aaaccaatca aatgtctggg aagccctcca agaaaaaaaa tagaaaagca 300  
gttgaagaat attcccaata ttcccgggtca gcagtatcaa ggctgacttg tggtcatgtg 360  
gagtcattat aaattctata aatcaattat tccccttcgg tcttaaaaat atatttcctc 420  
ataaacattt gagttttggt gaaaagatgg agtttacaaa gataccattc ttgagtcatg 480  
gatttctctg ctcacagaag ggtgtgggat ttggaaacgg gaattaacaa aattgctgca 540  
ccaatgcact gagtgaagga agagagacgg aggattaagg ggtttagaca ggactccttt 600  
catatgccat caaagagaaa gatgCGcctt atcccagtta at 642

<210> 8354  
<211> 338  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)..(338)  
<223> n = A, C, T or G

<400> 8354  
ggcaggtaca ctagaaagtc ttttacaana ataatcatcc ttagatcaac cagaagacca 60  
atcttcaatg tncgtcctng acagagatgg gttacnnttt aacatccctc ctcttggttt 120  
tcgtcccaat gttcctcctt taggtagtgg cgtggtaagt tggttggttg tggattgcca 180  
ccccccctcg gaggaatgcc cttgccata aggtgcctct gggttggccc actggtaagg 240  
tcttgcaatt atcccctggg ccaataatcc cattagttcc ccaatagggt aataccccaa 300  
gttataaatt cataatcccg ccccataggc ccacttat 338

<210> 8355

<211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 8355  
 aatcgattga accgggaggc ggaggttgca gtgagccgag atgcactaca ctccagcctg 60  
 ggcaacaggg ccagactcat ctcaaaaaaa aaaaaagaaa gaaaagaaaa gaaaagttaa 120  
 gtgcagagaa tagtgcctga cacacggtat acagtaggtg caatttcagt attagttgct 180  
 actattgtca taatcatcag agtgtttcaa gagctgtgcc tccatggctc tccacatcgc 240  
 ttcacaaaact cccctgttct gggacccagc ctgaattgta aactccaccc ccgactgatg 300  
 ctaccctata agccaaacag aatcatggct ggggtagggg ctctaccctt tgggatctgg 360  
 ccgaaccagg aagaggtaga gtggcctgga ggccaaccac aggtgattca gaatgttcac 420  
 cacgtgggtc atcctgtctt actcctgctt tacacgagaa gccaccatga ctagtcctcc 480  
 tcctgcgggg acagacct 498

<210> 8356  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8356  
 tgggtggatg gatcagtga caagttagtg gatggatgga tgatgaatgg atgggtgagt 60  
 tggttggtgg atggattggt ggacaagtga gtggatggat ggatgaataa gttatttggg 120  
 gagacaaatg gaagggcagg aagattgatg ctccgcatgt tcctggcttt ctgcactaac 180  
 tgtactcgac gtcactagaa aaaaaaaaaa caaaaacaaa aaaaaaaaaa aaaaaagtct 240  
 gg 242

<210> 8357  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) .. (756)  
 <223> n =A, C, T or G

<400> 8357  
 tttctttcac ctgttttcta attagagcct cttactcacc tgtagcacga gtcatttatt 60  
 ttgtctagta caaagaatat ttccaatact catgactaaa gagctcagga gttctagcta 120  
 aagaagaatc ttgaagcatt ggagttttga aaatctgcat aaagattttg aagatttttt 180  
 aaagattcat attataacag tataccgttg gtctaatttt tottaattcta ctaaaaacga 240

```

aatagcacag gtcagatgtg acttgcttgc tttctgctcc tgtacaatcc aggagtgtta      300
atcaaaaagc aaaatttgtg acatcagttt tatttccatg gctactgatt gtaatattac      360
aaacatgaga ttactggcta gtatcatcatg aagggttaaag aagattcctc cttggatagg      420
atctccaaaa ccaacaccaa agggaaatatt atcagagctg cttccagcag cgtgtccttt      480
caaaaatgtt ctcatatttc tgagagcttt gttttatttt gtgaggggtt tatcatttgt      540
tgttggtggt taatatTTTA atTTTatgtg cttgtttgtt ttatttattc ctccacccca      600
ggtgaccgtg tangaaaatg gttatttttag atgtnagaag cccctctgtt aggaagcagt      660
ttctgccttc gtttaattct tcttccacaa ataagattta ttttggaact tcagtcaaaa      720
acatctgtac tttgtacagg acaaagattt ggcttc                                756

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<210> 8358
<211> 370
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(370)
<223> n = A, T, C or G

```

```

<400> 8358
cctaagtcac agttctgtcg gactgtgggt agaagactag gagatgggtga gtggagtgtga      60
aggaccacat gccganagaa gattgataga aaccatgggt aactgtcgaa tctgtcagtc      120
ccggcatgag tgtaattgct ttctctggag ggcttggcga ttctctccta ccagtggtct      180
atgctttatc tatcgagctt gtgcccgttc tgcatttctg attatgttgt tgtgtattgt      240
gtgtatgtat gtattcgtgg gaagagtgtg ttcattctgaa gcctgtggct gaggattaag      300
gttaggattg ggtaaagatc agaatatcac gtccagatat cgcagcgact ccctgtggat      360
agcccttggg                                370

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```

<210> 8359
<211> 626
<212> DNA
<213> Homo sapiens

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```

<400> 8359
acactggctg ctccggcagtc acgccgggtgg ccggcgggag agcggggaga agcctgggtc      60
cgtctggctc ttaccacacc atgtctctgc ttccacatgg cagagggaca gtcagcaggt      120
gtgcagcgcc ccagctccta cttgtctcaa cagtcctaac tggccatggc caagagttct      180
gtcagggcaa tcaactccct gacacaggcc agatggacat ccgggagaaa tccatagtac      240
tgtagctggt tcagagcccc acggaattaa gtcggaataa aaccacgaga gaaagaacat      300

```

tttcatgggc cctgcacgga gcctcctggg cctgatggag aggggccccca cccagaagag 360  
cacagggctg gccccacccc ctgcaccaca catgcgcttt atcaactgaa cactcccaca 420  
gccacacgga caggattcat tcaagtctgt gtatgtctga gcgcaggaga agaggatcta 480  
ctgagctcta gctggagctt catccagcga tgattactaa tctcgtgctc caatgcagct 540  
cccatcctct cgaaggggat ggtcggcgac cggacgtcta cgtcttgggg cccgttcccc 600  
gagctggggg atctctgacg gcttta 626

<210> 8360  
<211> 210  
<212> DNA  
<213> Homo sapiens

<400> 8360  
ggctgatcgt gctcgaggag gaaaggaacc gtaggttcac gacattgggt gtatgtgctc 60  
ggctgaggag tgaatggggc gaagcagcat ctgttgggat catgagtga cggctctaag 120  
tcagaatcgc gaacagagcg gaaagatagg gcagcggcgc ggagggtcgg gtggcctggg 180  
atagcgggtc ggcgggcatg ctccgggggg 210

<210> 8361  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 8361  
gcaggtacca aaataagagg agcgggtgca ggtaactgat atttactgaa tagtaaagag 60  
ggaagcgtga aggggccttg gagaatgggt aacagcatct gtttccagct catcacaggt 120  
gcacagcata agatgagagt tggctatgga tgggcaaata actgaaggta gatcaaagat 180  
gggtgctcag cgccagtcgg tctcatcgat gcctagctgt tatgtaatta ctggatcaaa 240  
actagatggt attagtataa gatatatgtc agataaagat agtattttaa attgtgttgt 300  
aagataagag aacacatata aaaatgtgga ttcttaca 338

<210> 8362  
<211> 578  
<212> DNA  
<213> Homo sapiens

<400> 8362  
ggtacatcag tctcagattc atcccagaaa aaagaagagc acaattattc tctttttgtc 60  
tcogacaact ggggtgaaca gccaaactaaa tgcagtcctg aagaagatga ggaggacgag 120  
gaggatgttg atgatgagga ccatgatgaa ggattcggca gtgagcatga actgtctgaa 180  
aatgaggagg aggaagaaga ggaagaggat tatgaagatg acaaggatga tgatattagt 240

gatacttttct ctgaaccagg ctatgaaaat gattctgtag aagacctgaa ggaggtgact 300  
tcaatatctt cacggaagag aggtaaaaga agatacttct gggagtatag tgaacaactt 360  
acaccatcac agcaagagag gatgctgaga ccatctgagt ggaaccgaga tactttgccca 420  
agtaatatgt atcagaaaaa tggcttacat catgggattt atgcagtaaa gaagtctcgg 480  
agaactgatg tagaagacct gactccaaat cctataataa tcctccagat atgcaatgaa 540  
cttcggaaat tgaattaggt gattattgat ctgacttc 578

<210> 8363  
<211> 194  
<212> DNA  
<213> Homo sapiens

<400> 8363  
gagggtatat aactaggggc atgaagtgtg agctatcggt aatgagaatg acgtttgggt 60  
tgctatcgct atggctaaga atgggattaa gagaggaagt ggcaaaaaa gaatggacgt 120  
attatgaggt tttatgccgg agcgactgaa tatacaagaa tgggggagaa gaagcttttt 180  
agatgtcctt aata 194

<210> 8364  
<211> 226  
<212> DNA  
<213> Homo sapiens

<400> 8364  
cgagtactaa aatatctagt tgtttgatag ataacttaaa ctcattaatg atagatcgta 60  
aagatctata gtcagtctca caacagatga ggtattattt gtatgtaagt ttcagcggtt 120  
gtgattgggt tctcttttgg aataatgaga gaataaagtg tgtattcttg tgttttcctt 180  
gataaatatg cataagggga tgggggttaa cagtgttgaa tatctc 226

<210> 8365  
<211> 306  
<212> DNA  
<213> Homo sapiens

<400> 8365  
tactgaaaga tatagttaaa agatcaataa cttaaatacag aattaatgtt acgtaaagtc 60  
ttatgtttca catcaacaca gatgaggtat tataagtata taaaagacgg tgtgtgggga 120  
aagctagggg taagtatata aagtgagaat tcgggtgttg tggagtgagt gttgtggtat 180  
atgtgcattt gggttggggt ggtcaagtgg tgcatagagt gaggaaacca tttctgcttg 240  
gggtaatggc acatctcctt gcgcataatg gtattgaata tcatatattc tatggagaaa 300  
gaagtg 306



<210> 8366  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8366  
 gaggtactga aaagactcag tcagcccat catgactctg atgaaaagag aggatatgtt 60  
 cagaactatg gtcagtatct tccctgtcta agggattata agtatcttcc cctggcagag 120  
 ctgagggggc cataggtact gatctacagt gatcacagtc ttggtgtgta gagagtgatg 180  
 acagctagct cgactaggga gggagtgcc aaggtgaat atggtgagag aagcctgtgt 240  
 gctgatggat gtttactcat ctctcggac gtggacgata ttcactatct 290

<210> 8367  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8367  
 aggtgcatat tgaggctact tagaggaatg taagacaaa tctgtgaat aataagcatc 60  
 actcagaacc aacagcgaac agatgtagtg ttgtagagtg gataagtact acaaggctca 120  
 caatactacg gattattatt attaattggc ctctgtgaat agaaagtata cggggactac 180  
 ggagaaaaga ttgctactga gtcattgatta gttataagag gatgagtaac aactacaatg 240  
 tgttctgact cattgtgtga ccagcacca tcaccattcc tatgcatctc 290

<210> 8368  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8368  
 taccagcaga gtcagtgggg ctagttgtta tgtcctgtat cagtcactgg tgatgggcct 60  
 acctcatagg agataaagat tttctatgta gatgcaagta aagtgagtcg gtgtagacca 120  
 gaataatcct cttctaaaga agggctctatg gatgttctag ggagtatgat ctctctgatg 180  
 aaagatcaat agttgtctag agtagatgtt tatttcttgg gatgttgagg tgggaggatg 240  
 gttagatact ataaggtagc ggttgattga gtgcagattg tgtcaatgca tcagacttgt 300  
 gtgatagagt gagacacttg gtctgtttgg aatctggatg atattggctg tctctttctg 360  
 atggctggtg tttctccact gtatagatca tcatgatagc atttggctga gtaatatatg 420  
 atagaagcgc tgtgcgggag ttggaggata gagatgaatc ggggta 466

<210> 8369  
 <211> 194

<212> DNA  
 <213> Homo sapiens

<400> 8369  
 gggaggtaaa ataagagggg ggaggggggt tagggaaatt gatttttagtg gggatatatag 60  
 aaaaaaaaaa atttgaggag agaagattaa agaagttgag ataaataaaa tataaataag 120  
 tgtatttaaaa agaaaataaa aaaaaatggt taaaaaaaaa agtaaaatat aaattttgaa 180  
 aataggtgaa tagt 194

<210> 8370  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8370  
 gaggtggtgg ttgaggagag gttataaggg aaaggataaa gaaaatttat tttatttata 60  
 aaatggagtt tttcaatttt aatttggag ttagaaaggg ataaaaaaaa aaaaaatgat 120  
 gggataaaat aaaataaaaag aaaaatttag ggtaaaaaag gttggggatt ttgggatttg 180  
 ggtttgaggt tttgaaaaaa gggaattaaa ttttttttta taagat 226

<210> 8371  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8371  
 atgaacaact taaaaaaaaat acaaacctg gatcaatggg gcttctggga accgcgtatc 60  
 ttccccctcac ccaaggcagt gggcatgaat ctacttttaa aaaatgatta attttggcca 120  
 tctgagaaga aaagagccta aaattgggtg atgcaacgag aaagtgaag tcgagggaaa 180  
 atgcagttta caagtctctg aaatctaag 210

<210> 8372  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8372  
 gtacaaatct tatgtggtac ataataaaca ttgtaaataa ctaacattct ttacacatct 60  
 tcattggcct gtcacatctat gtttctaagc caataggtga tgttttaaaa ttatgtacag 120  
 taggtgatgt gatataataa catgaataac atagagcctc agaattaggg agtagtgatg 180  
 gtgtgaaatc gattatgggc atctgtatcc catatctgta actagatatt ttttactagt 240  
 aattcaacat gttttgatct tgaagtatat tactatagt ggaataaagg taataaagaa 300  
 aggatc 306

<210> 8373  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8373  
 acttttcaa at agctagttgg atagtttgaa ttgtataaca gtaatacctg gataatactt 60  
 actcgtatat gcgtgattaa tacactctga atcatataga tagtgattgt atgcatgata 120  
 tgcgagtcac tggttaagag ctgaacgact atgtggacag tatgttaaac atggaaaaga 180  
 tggaacacaa aagagaaaag gatcccaatg agaaaaataa gaatgattat tagtattgca 240  
 atgtgaaact taaaggggaag aaggaaaaga taaaaacgga ttggtattac tgaatcagtt 300  
 gaatagaatc ggataaaaaa caagcagggga tagcggatca gacatgtagt aaaagcaact 360  
 cgccccgatct ggccgcaaaa agcacc 386

<210> 8374  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8374  
 atttatttca ttgctgacca ttaggttgca gcatgcaact ctcaacaatg agctgcccct 60  
 ctccactcct atagaagctc caaatactat ggtaccacta ttaggttttt cagcctttca 120  
 aaggctttta ttattaacat catcattaca gaataaacat tgtactacct tcagggacca 180  
 aggaagtaca tagggttggt ttccctttct taaaatagcc ccagaattat gtttgctttt 240  
 tatagctttt ttaatctctc ttgtcacttc ttgctattaa tgggtgctcct gcctctggga 300  
 ctctgccggc cgctccacc cagacttaa acaacatctc accaattgca accggatcgt 360  
 ggggtgggact tccgctatca ttttaggctt tactaccacc atctctctgc gggcagtgga 420  
 ggcaaccgcg aagacagaat ttcaaaaact ttcagctcca gcagtttcaa ggaaatgtta 480  
 aatgagaaga tggaagaccg agtgtgaaga gctaagaaaa caaaaagggg 530

<210> 8375  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 8375  
 tgaaggggtga gctcctggga cctcagacag atccttccct ctgacctgc cctgttggtg 60  
 gtatatctgg ggagtgtgtg gccagagaa gccagtata tatccaggtc acacagcagg 120  
 cctgggtcta gcatctgtct cctggcctcc aggcattgt actctccaca gcacaagtcc 180  
 gcctctcagg ttcttttatt tacaatgaaa ccatttactt acacagttat cgctgccac 240

tgggcattct ttgggcaggg agatggagtt ttgttaggtg ggctctgcat acctatggga 300  
 actcagtgat gtaatgcaaa gaaaaataaa cttac 335

<210> 8376  
 <211> 482  
 <212> DNA  
 <213> Homo sapiens

<400> 8376  
 ggggggtggt ggggagacgg gggctttgga aaggaagcgc cggggagacc actggtgttt 60  
 tagcgagaag gggggagcct aattcaaagc cgggggggcg gagccgataa tagggtgtgg 120  
 ggggggcttt ggggattttc ggtgtggggg ggggcttcca ttttttgggg gggggggggg 180  
 gggtgagcgg cgactcctcg gaaagaaaag cgggcctggc ggggggttgg ggggaggcca 240  
 agtccggggg gggggggctg ctttttttcc cggggaaaat ggggtggggc aaaaaagggg 300  
 gggggggggg gggcttttgc cgctgggttaa tttgtttccc ttttctttta attcgcccg 360  
 gggagttttt tttttttgga gaggaggggg agtaaaaggt tatgcccag cggcaacaaa 420  
 tattttgaca gaattgcgcc gccttgctcg tgaacaaaga gaaaaagaag aagaaaaaag 480  
 ac 482

<210> 8377  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8377  
 ggcccacccg cggctctctg ccacctgttg ccgtccatca cggggccacc cttcttcac 60  
 ctccgtcctg tacaatagct cagcaaagcg gctggcggac tggcccggga tctgctgctg 120  
 ctccagccat ctacatgaca accagagcct gggaggagct ggatggcggc ctgggcagtt 180  
 gctaagccct ggaggactac tctgtgctgg ccgagaccga ggaagacagg gcttcagcga 240  
 tactcaggct ggccgacttc ggcagcgcgc cccacgactt tgagggtggc gaaggctggc 300  
 atgtggacac caggaccaag aa 322

<210> 8378  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8378  
 ttagtttggt tgtattttta gattatggta taataatttg aaattataaa tataaataag 60  
 tagttagaaa gggtttgaat taataatttg gtgaacgggt ttaatcgata ggtgttgatt 120  
 agatgaaagt tagtagggtg atgtttatta tggttgatag tt 162

<210> 8379  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8379  
 aaggatgcaa ctctgtctt ggatagcact acgtcttgac cttgctcaaa acgggtgctac 60  
 taaatcaagt actacacaca aaaatgactg gcaagaggag catgtactgc tggatttata 120  
 gatgatttgg aatggaattt ttacgttcta gaatccctaa cccaccagga tgctcacata 180  
 tatgtttgac atgccacaag aaagacacag acaatgaaac atcttcggtg tctagaataa 240  
 gaactggaac gtcgcgag 258

<210> 8380  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8380  
 tattgatgag atctcccata tgatacttct cagtcatgta ccattttgga tattegctct 60  
 ttcactgtat atattgtgtc ttgtgtttgg agtgtaagtc tcagatcaga ggatctgttg 120  
 agtctatagc ataaccaaaa tggagctgct aggatttatt ca 162

<210> 8381  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(210)  
 <223> n = A, T, C or G

<400> 8381  
 gctactagtt atctactaa gagaaaaggc aacatggaca gcttcaaatt tcgcaatgta 60  
 agactagcca ttaactgggg cctggacgtg cgcggttaa ctttggacat aaccacatag 120  
 cgataaattt tacgaccca gtgaaaacaa tgatttccat acccagctct tattccttca 180  
 ccataaagat tctgtgtgag caatttataa 210

<210> 8382  
 <211> 562  
 <212> DNA  
 <213> Homo sapiens

<400> 8382  
 ccatagtccc tgcagagatg aatccaggtg gaagaatgca gaaaagcttt agaaggcata 60  
 gatgagaaga ttagcaatga agtcttaaaa agctcaccat catatgcaat gaggagaaaa 120

atagaagaaa ttaacaatgg gcttcataat gttgaaaaga tgttcagca gaaaagcaaa 180  
aatattgaga aagctcacga aattcaaaag aaaatgtggg acgagttaga tctatggcat 240  
tccaaactaa atgagctgga ttctgaagtt caggacatcg ttgaacagga ccaggagag 300  
gctcaagaat ggatggataa attgatgatt cctttcaagc agtatcagca agtatcacag 360  
agagcagagt gtagaacatc acagtagaat aaggccacag ataagatgga ggaatatagt 420  
gaccttctga agagcactga gggctggata gaaaatacac gtcatttgct ggccaatcct 480  
gctgactatg aatctttggg ggcactgagt taccatggta gcgatgtgca gatgggttag 540  
gaagaatcac cagcggaagc aa 562

<210> 8383  
<211> 242  
<212> DNA  
<213> Homo sapiens

<400> 8383  
actggcagct acgagcaagg ccagcccgcg cagcacctag atagaaggca cgtggctgca 60  
tcccagcggg tacagcctcg cgtctttcgg gactcgcttt ctctgttcg cgagtcgtgg 120  
gctctgggcg ctttatcccg aggaatacta tgacagtgga catcaaaccg agcgctatag 180  
caaggcagaa cccgaggagg gagaaagacg ggagccggtc cttgaaagcg ccaggagaca 240  
gc 242

<210> 8384  
<211> 697  
<212> DNA  
<213> Homo sapiens

<400> 8384  
tggctgcgca ctggcctga gaaactcggc aagcgcgag tgtcgactcc ccggtctatg 60  
ccaggcgcac ctgaggaacg aggtctcact atattgccc gactggcttc gaactcctgg 120  
gctcaaacag tccccctgcg ttggcctccc aaagtgatgg aattacaggt gtgaatcact 180  
gcatctgact atggcaagga tctctgtcac tgaggtaagt ttggcttaga gattaaagct 240  
ccttctatct tgtgatgcca ccatcacaag gttctcaagg ttgttggtgg agaagagaag 300  
gctaaaggag ctcatagaat gcctttaatg ctaatccaaa agtaaatgag aaacttagaa 360  
aaagattgcc aattccaaat caacatattt agagaaaatt ggaaaaggag aagcttacta 420  
cagctttatt tgaggacttt ttaaagaacg ctgggttcta tctgtgagct gcaaactctg 480  
gagcaaaaac cagagacatt gccagagcaa acaagaacag aaatacaaat ggagaactgg 540  
tcaaaagaca taaccacag ttatcttgaa caagaaacta gggggataaa taaaagtctg 600

gaggcagatg aggcaatgaa tatgaattct gagaaaagta tggattggaa attcaatgaa 660  
 ttaatttaaat gaaattaaat gtgagaaaaa agaaagg 697

<210> 8385  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8385  
 aggtgagttg ggagtcagtt cagaaagggc agaggggtccc acaacaggac cagaacccag 60  
 cgggggaacc tggagagccc cctgctggg ccaacttact gttccatcgc tcacccacct 120  
 cgcgtccaca gagagccctc ccacactgcc tggcctccct ggccaccaag gcgctgccag 180  
 aagacaaggt caccagataa tctgtcctca gagagggctg agaaccacc cggggcagta 240  
 tggaggaacc ctaaagaggg agaaagcaaa atgggtgaga gtccaaggga gggagggaga 300  
 gagagtggct gcagcgggag ctgagaggag ggaggaggct ggctgggatg cacttgtcat 360  
 gggagcaggt ccagggcggg caattc 386

<210> 8386  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 8386  
 gacaagcata agtacatact ggaattaaaa tactctaaga agaagaatcc taatgcatgc 60  
 caaataagtt ctaaataatgc taaaccagcc ttcaataaag ccatatgacc aactgataac 120  
 aacaatctaa atactataca aggtaactgg cgcaagattt gatggagaaa agaccttcac 180  
 atcaccacct cagtccttca caggccaggt cctcctctct ctgagacagt agggctgaac 240  
 ccggggacac ccagagccc tgtaacacgc agccagcagt ctgctgagct cgttgtgcag 300  
 acgacaaagg gaacacagaa cttgggtctc aggggctggg caggcagatc caagcatgag 360  
 caattagatc aaaatagaag ccttgtttca aagaaaaaaa ttgtattctt ctaagtga 418

<210> 8387  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 8387  
 ctgatggcgg tagcagcgcc cagtcgagca cggggcagcg gctgccgggc agggctctggt 60  
 gcgcgagggg ctggggcgga aggtcgagag ggcgaggact gtggcaagggt ggggctgctg 120  
 ctggagccct catttgagat cgatgacagt gacaacttac ggaagcgggg atcaatgatc 180  
 tggacacagc aggatggtac cttgtccctg tcacagcggc agatcagcga ggaggagcgg 240

ggccgactcc gggatgtggc agccctgaat ggcattgtaca ggggtccggat cgaaaggcga 300  
 accgggggcac ctggatggac tgcaagctgg tggctatgtc tcaactcctaa gtcaatgcgt 360  
 gacccccgct 370

<210> 8388  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8388  
 tactcgaatc gttgtgattg ttggctgaat gtttcaggct atatatgtaa gagatagtag 60  
 atacatgtct tattcttaac tccaagaatg cgtacttttag gtgagggtat tatgaatatg 120  
 attaatccac catgtaatca tgactatttt agggtcatta ttggcgggta tgggtgtatcc 180  
 atagtatcct ctagcttctg gcaaatgatg gtgactgctg tatcta 226

<210> 8389  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8389  
 aatgatgttg gattatgttg cctgagatag caacagaggg ataggtgggg cggttaaggaa 60  
 ggtgtatgat cttttcgcga tggcgggttac cagtaatatc caggatccta ttatcgagtc 120  
 actcgtctac atatgtggct gagggaatg ctgtaatgtg aaattcgact gtatgggtgtg 180  
 aagataccat atgcctgcgg taacccttcg atatactctg gaatagtact gatttggttc 240  
 gtttttcaaa ggtagagctt gactcgacga accc 274

<210> 8390  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8390  
 gtatcgtgat tgtgaacaga ttatgggtgca agtgttattg aagaatccaa gtgaagtaag 60  
 ggacaggcgg tgtatcactc aaaccagtgg gataacacag gtaccacact acatattcct 120  
 tccgtaggct ggatacacca tgagtcttgt catagaacag cc 162

<210> 8391  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, T, C or G



<400> 8391  
 atgtctgtcg tctccatata tactgggggtg tacagtagat gtgatgtcag actcangatg 60  
 gttatgtagt ataagactgt ttaaacctgc tgccatttga ttgacttcaa cagaanagta 120  
 gtactcccac tatcggatag tttcagtgag tgataatagc tggctcggat agatgtcatg 180  
 gattcatccc agtc 194

<210> 8392  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8392  
 ataaaatgaa tggataagag tgtggataaa ctaagaagga aggagagggg aaagagatga 60  
 agaagattag tgatgggggat aggggattga aattattaga aatgaaagag gaatagaaaag 120  
 aaaagtgaag gtattaagat tgagttgata aagtaaaagg aa 162

<210> 8393  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8393  
 agtgtagat ttaaggatat ttatgaacag aagtaaatta gattgatagg aaagaaatag 60  
 taatggagtt tgagtaaaga aaatgaatga tgtaataaaa aaagtaaaaa ttgttgaaaa 120  
 tgtgaaagggt gagagtgtta taatggggaa tgtagatata gaggtaatat aatattggat 180  
 tagagtatta gatataaaaa atgaagtga atgaaaatta tatattaata ataggtgata 240  
 atggtagta tttgttat 258

<210> 8394  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8394  
 ggtttggaca cctggggggg cccaaacaca gggacaaaca ttgtgtgcgg ctgtcgcttg 60  
 aagaaaagca aaatctaccg ggagggctgc gcgcagggcc ctcaaaaagg gggggcaaaa 120  
 caactttatt ttaatagggg gtattggccg gggggtgggc ttactcgagg tgatcttggc 180  
 cccgccccca cccgggatgg gccttaaata cataaatggc ctggcctttt tattgcggtc 240  
 ct 242

<210> 8395  
 <211> 386

<212> DNA  
<213> Homo sapiens

<400> 8395  
 tggaggaacc tcaggaaact cgcccgaggt cacagagtgg gtaatggaga cagcaaact 60  
 gtgccgacca cttagtgcac accagggttc taagggtctc tcagaaccct gaaataatcc 120  
 tgtggagcag atgtgatata gacccgtatt tcaaatgagg ggatttgggc tgagggtggt 180  
 tacgggactt gcctgaggtt aactgaggta acaagcacca gagccaggat tcgaaccaag 240  
 gccatcgggg tcacaggcac aactacccc ccttcctctg ctggctctga caactcaaac 300  
 cgggctgcag catgggtgtg ctctttccac caagggaccc ctgggggtgg gctggttggc 360  
 ctctattacc gtccttatt ttttat 386

<210> 8396  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8396  
 ggtttggcgc atggataatg agctggacct acatgatgaa tagaagcagg gatgatatga 60  
 taaaagacgc tgggctttta ttgatctggg gctcctttcc cgggggagtc cggtgagtcc 120  
 ctttccaggt gggtttgcac tcacacgagt gggcgggatt atcatccaca agctggccaa 180  
 gccctacct gtgggaggct tgatggcagg gcaccatggc tgaaatacac gcttggggga 240  
 acagatcaag aaagaaacta cgcacaaaaa gtgagcgggg catgcacca 290

<210> 8397  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8397  
 tgcacccctg aacacctgtc tgggggcggg ggggtggtgg ggaggagac ctcagccgag 60  
 ggactctgac gagatttggg gatgtcctac gggcaggagt cattgtatgg ggggtgtggga 120  
 acagtgccta gaccacaggg cacggcctac tcagaagggtg ga 162

<210> 8398  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8398  
 gaagagccct ctgctggcca accctgttgg aagaggacac tggggatggg agtggcgagg 60  
 tgcagggccg accggagaca ccggcagaag aagagatgga gacagacacg gaggccggag 120  
 tgtctgcgga aaaggagggg gatgacacag gtgccctgct ggccgacttg atcgactgcg 180

cccctgatga tgagaagcca gcacctccca tgagaccga ctcta 226

<210> 8399  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8399  
 accaaacaaa ctacaaaagg actcatacgc tactagccgt gagagtctct cttgctgtgt 60  
 tgacgatgac gagtggtggt ttctgaacct gattgacatt gatgaaaacg gatgcatgta 120  
 ccataatgcg tctacctgac atgtgggttg cgagcacata ga 162

<210> 8400  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)..(354)  
 <223> n = A, C, T or G

<400> 8400  
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 agaggagacc cttccttgct tgtgtctagc ttctggtgat cgtcagctgt cctcgggatc 120  
 ctgnggttcg cggcacgtca tgaccatctt ggctgctggc accgcggggc atcctcctgg 180  
 gtcttcacac tgccttccct ccgcgtgtct caggctctaa attagccctc tactaataag 240  
 gatgccaatc actggattag ggttcaccat attctagtac aaattcatct tatatatgat 300  
 tacatactgc aaagatccta ttacaaaata aagattaatt aatagggtccc aagg 354

<210> 8401  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8401  
 aaactaaaag ataactcgcg agggaaacca caaaaccac aaccctaagg gcactgatgc 60  
 aaccctcaa gaattgtagt gggaacacag gtcactgcca ccaattctcg ttgaaacatg 120  
 actcttcac ttatggaatt catatatata ttctgcaagg acgaggcagc gaaatgtggg 180  
 aagtgacgac actgatgggg aacactggga ctgaggtcac ggagca 226

<210> 8402  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8402  
 gccgccccctg gcgaactcca ttgtcggggg gcctctacca gccgccccctg gcgaactcca 60  
 ttgtcggggg gcctctacca gccgccccctg gcgaactcca ttgtcggggg gcctctacca 120  
 gccgccccctg gcgaactcca ttgtcggggg gcctctacca gccgccccctg gcgaactcca 180  
 ttgtcggggg gcctctacca gccgccccctg gcgaactcca ttgtcggggg ggctctacga 240  
 gccgccccctg gcgaactcca ttactggggg ggcgttacga gccgccccgg gtgaactcca 300  
 ttgtcggggg ggccgtataa accgtcccgg tgaacttcat tgggtggagg cctctataac 360  
 caaccctgg cataattcaa ggctta 386

<210> 8403  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8403  
 ccagaaaggc ccgcacctgg ggaagctggc gaacgctaac cgggaggttt ttcttccaga 60  
 cttgattccg ggatgttgag atcgttattc gaaatagact aacattcgaa tcgcctgtga 120  
 tggaaggagt ttctgcaccc gtagcctggc ctcatttatt ctgcaaagt ttattgggtc 180  
 cttgcccttt acaagatcct gtgctgtgag caagaacaag gctttcatgt ggaaataagc 240  
 cggcctttgg ttgaccaaac cgaaactcct ctgaatggaa aatcaagaaa aatttggaaa 300  
 aaataataaa atgttcaatg aaatggatat aaatatattc ttgtttaagt aggc 354

<210> 8404  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 8404  
 acagaacgag actccgtctt aaaaacaaca gcaacaacaa aaagatcttg atgcctctga 60  
 tggagctgaa catttattat acagcaacag cagcaaggat tgctgggtgg cagactacac 120  
 tgtagggcac ctgctcttct gtaagaatct gaaagacact attgtcagag ctctgccctt 180  
 ttggaatgaa gaaataattc cccacatcca ggaagggaaa cagggtgttg gtgagggtc 240  
 tggcagcagc ttttctggca cagtcgagcc ttgggagggt ctcccgcaa gggccatcat 300  
 ggagctgagc ctgccactg gggttcccat tgtctatgaa ttgtacaaga agaggctgaa 360  
 gccattgaa gctcatgcag gtcccaggag aagaaaaagg tg 402

<210> 8405  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(450)  
 <223> n = A, T, C or G

<400> 8405  
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 caaatctccc tctgcctctc tcccctgggtg acgacaatgg ctgggggtctt gacttgccaa 120  
 gatctggaaa cggagaaagg actggatctc caaacttgga ctgccttgga ctgacctgg 180  
 cctgggaagt gtgggctcan gactccgagc tcaagtcagt ctgttcccc aacccccaac 240  
 ccactgcctc cgggtgagga agtgggcgcg agcgccacag cgcacatagg ggtgttagga 300  
 gcgaaagact ggagacccaa ggactgtggg gctgggggtgg tgggggcact gctaccgact 360  
 aaacaagtcg gggcgggctg gaaaaacgaa gggggattcg gtgatggggg aagccaaggg 420  
 acaagggaaa aaggaaaggg cgcattcttg 450

<210> 8406  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 8406  
 ttctcttctg taccttccct gcacagcctc ctccccagcc tggatccaca gccaccatcc 60  
 catcacttgc ctgctgcaag tatcctcagc actgcgccacc tctctcccag ctggcagaaa 120  
 ccagccctgg ggaatccaac tcttggaact ctctacacct gcacacaggt tggcaggagt 180  
 tgccagaggt cttggcacag cagcctggct ggaatcacag agcaatcctc aaccttggcc 240  
 aggcctcacc tgcccacctg gcaaatactc aagtgtgacc ctagtcatct ttctcctttt 300  
 ggggtgtttc agactttctc cacaagtctc agacaagctc aagtcactcc cacatgaaaa 360  
 ataaaaacgg gctgggtgtg gggggctatg cctataattc caacctataa aatggtaatg 420  
 gaagaattcc tgggaaaaaa aatcttaaat 450

<210> 8407  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8407  
 gacaggacga gactccgtct taaaaacaac agcaacaaca aaaagatctt gatgcctctg 60  
 atggagctga acatttatta tacagcaaca gcagcaagga ttgctgggtg gcagactaca 120  
 ctgtagggca cctgctcttc tgtaagagtc tgaaggacac tattgtcaga gctctgccct 180  
 tttggaatga agaaataatt ccccagatcc aggaggggaa acagggtgtg gttgaggctc 240

ctggcagcag cttttctggc acagtcgagc cttgggaggc tctcccggaa ggggccatca 300  
 tggagctgag cctgcccact ggtattccca ttgtctatga attgaacagg aggagcttga 360  
 agccattga gctcatgcag ttcccaagag acgaaaaagc tgtgcataaa gccatggaag 420  
 cgtggcttgc ttagggcagg ggcggagcgt gaaaggcggc agccggtccc tatcctgaca 480  
 acaccctccc aatctgcccc attcctctat gcctctcacc tcaacgtgtc 530

<210> 8408  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8408  
 ctcttcttgg ctgcagccaa gattctgggg gctgggggtgg cgggtggagg tggggtagga 60  
 gggataggaa aggcaccggg acaggcacgc gaaggagggg gccgcggaac aaactgtcgg 120  
 ttccagcagg ccccccacgaa accgcaagat ctgcaacaac gatacacagc aagccaaccg 180  
 acgcaggcag agga 194

<210> 8409  
 <211> 562  
 <212> DNA  
 <213> Homo sapiens

<400> 8409  
 ctcttcctgc attgtctgtg gtgtgaccat agcagattat atttggttcc tgaatgtttg 60  
 tgggtgctaatt ttctgtgttt gttccaagcc gttcagtcac gccatgcgct gcctcggtag 120  
 atggagtaatt gtacaatgaa ctccatgagt ctctccaggg ctgcctgcag cacgtctttt 180  
 ccaagtagcc tattttggatt cccatctcaa atgtcctgga tgcgagcgtc agcggctcca 240  
 gagctcgggg cggggtgaggt cccctttggg gaaccctttc ctggccatcg aggtcggggg 300  
 gctgccgtct gtgggcagga ggacccgagg ggcagccagg aaaggcgatc tcttactgt 360  
 gaaaagtgtc ccgggtgcag cgccttttcc ttctaccatg ggaaatgcag gctgggccct 420  
 tggggtgagc ctgcggggct ctggtgctgt ccccgacccc caccaccaac agaatgcagc 480  
 tccagcttaa ggaagcccaa acaagccacc caggggagaac aaaacaccgc cagcgtggat 540  
 tttccaaatt tccctgggaa ga 562

<210> 8410  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8410  
 atttttaaac atccaaatat ctgtaacatc tgttataaca cttgacatat gcaggatcaat 60

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aaattaaact attgctttgg gagaaatgtg cctgaattgt tcactataag tctctgccgg      120
gagttattca ttcaagtaaa caaaagatgg cctattttctg aaaattaaca atgcgtagac      180
tggactgtaa gtcgtgattc cgtattttct cgagttacta gctccatcat tagcaacatg      240
agaatgtgca atgccaccat gttgaagtat gattaatcaa catcttttct gaaacaaaga      300
ttttttttcc cccattgcag aatttgatac aagagggtatt ctgggttcctt ggggggctga      360
aaaaatctgg tttaacgtgg ttggaaccgg ggaattttct ggggttaagc tttttgctgg      420
gactaaaatc aaaactgcac tgcagagcag gtgagggttc atgcgcgcgc gccacaaaac      480
acacatatag agaattaaaa aaccatttgc catccatatg ggaatattta      530

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<210> 8411
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(472)
<223> n = A, C, T or G

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<400> 8411
gtggagtgtg ttgtagcatg agattaaggt tttggcacat ggggtggagt ggggaccgaa      60
tgggatatct cagttttctg ttgaagccta ctatagacgt tcctgtcatc gttcgactct      120
ctctcacgtg cgcactgcc a cgtgtgatta gtatgtgaat accacgggtg tatgggattc      180
aatggatatg cttgacgtta gggaagagat acttatagta atggggagtg gacaggggat      240
cttaatgatg cgagcctgcc aggcgggaag cgggcagact tgcgggttct tcatgaatgc      300
agagggtggt gggattgggg ggcttactgc cgcgactgtc tatgggaatc ccatgagctg      360
gcctctactg atggaatatg ctgtaaagaa tgacggggta tggggatggg tanagtttga      420
aatttgaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa ca      472

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<210> 8412
<211> 854
<212> DNA
<213> Homo sapiens

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<400> 8412
tcacctgtct tctaattaga gcctcttact catctgtagc acgagtcatt tattttgtct      60
agtacaaaga atatttcgaa tactcatgac taaagagctc aggagttcta gctaaagaag      120
aatcttgaag cattggagtt ttgaaaatct gcataaagat tttgaagatt ttttaaagat      180
tcatattata acagtatacc gttgggtctaa tttttcttaa tctactaaaa acgaaatagc      240
acaggtcaga tgtgacttgc ttgctttctg ctctgtaca atccaggagt gttaatcaaa      300

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aagcaaaatt tgtgacatca gttttatttc catggctact gattgtaata ttacaaacat      360
gagattactg gctagttcat catgaagggt aaagaagatt cctccttgga taggatctcc      420
aaaaccaaca ccaaggggaa tattatcaga gctgcttcca gcagcgtgtc ctttcaaaaa      480
tgtttctcatt attctgagag ctttgtttta ttttgtagagg gtttttatca tttggtgttg      540
gtggttaata ttttaatttt atgtgcttgt ttgttttatt tattcctcca cccccagtga      600
cccggtgtaga aaatgggttat ttagatggtt agaagcccct ctgttaaaga gccagttctg      660
ccttcgttta attcttcttc cacaaataag atttattttg gaacttcagt caaaaacatc      720
tgtactttgt aacagacaaa catctgcctt cctaccagag ctgctggcct tgctgatggt      780
agataaatgc attttgttct ttgaagcccc tcatagagaa gagactgtac cataagagaa      840
gccactcat tttg                                         854

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<210> 8413
<211> 594
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(594)
<223> n = A, T, C or G

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<400> 8413
tggctcctna gacttgttac ctcaagtaga gatgttgggt ggacaacccc attcccatgc      60
caggcattct ctccactcat caaaccacag tcttctgctc tgttttctgt ttgttttgtt      120
ttgttttttt gagacgtagc ctgggcaaca gagtgagact ctgtctcaat aaaaacaaaa      180
catacaacta cttttgcggg atgctgtgtt ttactgttgt gttgttttgg atctaacacg      240
ccctccagtt tattcactct tagccagttt ttccagccat atcttttcct tgaatatgtc      300
cagacaatat ttcatggatc aaaatattaa caaggataag atgaaaatga taaaaccttg      360
tgcttttcat tttcctacac agttttctgc atgtatcttg tataactaca taaggatatgt      420
tagctaaaaa aaataaaagt gtgtgtttgc agggaagcgg aggcgggggc gcgctggtgc      480
tgagtggagt cacagtaagg ctgtagatgg agcgccctgg gaaggggtgg ttttttgggg      540
gtttgctcac cccggggaag gaggagttag ggtttgagga tgggtggagg ggta          594

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<210> 8414
<211> 162
<212> DNA
<213> Homo sapiens

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<220>

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<221> misc\_feature  
 <222> (1)..(162)  
 <223> n = A, C, T or G

<400> 8414  
 ttgntggtga tctacattag aggggtaata ttattatittt ttcattcttc tgttatggaa 60  
 atgtaaatta ttttactatg tttcttttta tgagcattgt aaagatttta tgaatgttat 120  
 tattcatgta tgtttatgtc tatattgaga tagtatgttg gt 162

<210> 8415  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8415  
 ggtaatatgt tggatgagac ttacatagaa ggggtatatt ttgataaata ctttctaccg 60  
 aaatggaaga gtaaataatat ataacttgaa acattttatg agcattgaag acattaaatg 120  
 aatgatatta ttctacatg tttatcgcta tcctgagatg agttgttatg ggtatgttac 180  
 agtagtaaca cttctgaata aataattgca gcattctacc atttaggttt atagggaata 240  
 gctatggagg gacggacact cttgacatga aacttataaa aggacagcgt gagagactaa 300  
 aaactacagg cttttctctc tcaagaacat agatagatga actttaaaca taatgcttgc 360  
 taactttatc ctagcgacag attaaaagcg cttttgggcc tccatctttt tttgttggtg 420  
 gggctattgt tgcggttggg gtaggcagca acccagtctc cttctg 466

<210> 8416  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8416  
 aataggcagg ttatgtggct tattactggt gagcgaataa tgtaaacgat gagcgaggcc 60  
 ggggtgcagg ctctgcaggg ctactggtga ggcacagagt acaaattgac atttcactat 120  
 gtttgtgtgg gcagacactt ggaaggtgtc tcaccgctgc acgagtgtga aggctgtgca 180  
 tagatcattc tggcgtcctg tgttgagagc agcctaattgc tcacgg 226

<210> 8417  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8417  
 acatgggtga aagaacatct atttagtgtg gagcagataa cagccatggt gtttgactaa 60  
 acgtgaagga aaactgcgtg gaaaacagcc ctcaagaaaa cccagtaaca gcattgtggg 120

tatttttcagg tcccccttcct ttctttttaca ggatgctgga gaaggcgatc ctgtgttaag 180  
 atgcctgcac aagatttggg ggccttaaac tgttttaaga cttatgaaat gacaatgaca 240  
 gcctgttgct ttggaattac gggattttta taag 274

<210> 8418  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8418  
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60  
 tttttttttt tttttttttt ttttttttgg ggaggggggtg gtttttttggg gggtttaggg 120  
 ggaaaagggg gggggatttt tttttaaggt ttttttttga aggggggggt tattaataat 180  
 ttgaaaaggg gggaaagagg gtaaaaaaat ggaaatttaa aattttttta acaaatattg 240  
 gtggggccgg ggcggggggg gggggggggg ggccggaagt gacaggagt 290

<210> 8419  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8419  
 gggggaaatt ctgagcctgt cagtttggaa ttgaggtttg acttgtggaa ggtggacttc 60  
 ttgtgtattt gctgctgctg cttcatgctg gtttgtgtgg gctacctggg tgattatctt 120  
 gcatgggtgg gtgttgttgg tggaaatttg gatcacgggg tg 162

<210> 8420  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8420  
 attatggaaa catgaagcta tttaggggtt tttttcccat aaaggaatgg aaaagtaatc 60  
 cttttttatt ggaaaaagac cattatttta aaaatttatt gtttttctgt gtataagaac 120  
 atcagttaca aatgaaatgt tatcaaatta atacctatg cttactaagt ccaccttctg 180  
 gtccttattt acaaaaaggg gccattggcc 210

<210> 8421  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8421  
 attatggaaa catgaagcta tttaggggtt tttttcccc taaagggaat ggataagtaa 60  
 tcttttttat ggaaaaagac aattatttat aaaataaatt gttttttgtg ttatagtaac 120

atccagttta ccaatgtaaa tgtatatcca atataattat cctatgccct tatcacagct 180  
 ctactctctc tggttcttca tacacaaata gtggctattg gttatccttt tgtcatctca 240  
 ac 242

<210> 8422  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8422  
 gccgggtcag ggtacacctc acctacccca cctccagtca atttcatttt aagttcatac 60  
 ccaaactata agaatatgta ataaataaaa ttcagcaagt tgtatttttac ctttaaaaaat 120  
 acacctatct tcccactttt tgtaaagtta tttttaacat ttttatgtta tattatttcc 180  
 tatcagtggg gaag 194

<210> 8423  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8423  
 cgacctttat aaaataacga ctaaacctt gttgtggaat tatggtatat agctctaaag 60  
 aaaaaattaa tctgggatta tatttagagt tagtagagaa gaataataga aattttactt 120  
 tacataacta taaaacatgg tctattatta atataaggac taaaagcttt cttggtggat 180  
 cttcaacaat ttaattctgc actttatata 210

<210> 8424  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8424  
 gaggtactgt attatgggaa aacatgtaag gctatttagg gggttctttt cccccctaaa 60  
 gggaatggaa aagttaatcc tttttttatg ggaaaaaagc acaatttatt taaaaaaaat 120  
 aaattgggtt ttgtgtgtta taagaaacac ccagcttacc aatgtaaatg tttattcaaa 180  
 taaataatct atgccttagg aaaggctctac ctttctgggtt cttattaaac caaaaagtgg 240  
 gcattggggt tcccttttgt aacttaaccg ccagggggtc catttgggaa atccacccaa 300  
 tcaagtatgg taggtctggc gt 322

<210> 8425  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8425  
 tggaccggag gtaccagggt aggtagctag atgctgcttc cttagcatcc cacctgcagc 60  
 cttgacaagc ttcaactatc cagcagctcc tatatcacia accgcaccta cacgctggct 120  
 aaggaagtta gcttggctga taacaacaca gacgaacgaa tcaacgggga gaaaccgatc 180  
 catggagcta ggtc 194

<210> 8426  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 8426  
 gtacaagctt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60  
 tttttttttt tttttttttt tttttttttt ttttttaaaaa aaaacaaaaa acaaaggaaa 120  
 ttaatggggg gaaggggaaa aacggggaaa aaggggggaa aaaaggggga aaaaaaggga 180  
 aaaaaaaaaa aaacaaaaaa tcgcggggggg gaccaaaggg ggaggggggg ggaaaaaaaa 240  
 aaaacggaaa aaaaaccaa accaaaaaaa ccgggaaaaa aaaaaaaaaa gcctccctct 300  
 ttcaaaaaaa agggggggga cggggcgggg ggaaaaaaaa acaaaaaaat aagggggggc 360  
 cgggaaatat caaagggaaa aatcccacaa caaaacaaac cc 402

<210> 8427  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 8427  
 agcttttttt tttttttttt tttttttttt ttgtcttttt tttttttttt tttttttttt 60  
 tttttttttt tttttttttt aaatcaatta aagaattatg aaatttattt ggggtacagg 120  
 aataaccggg gcaaaatggg gggaaaagt ggtaaaacaa gtttacatta aatttactta 180  
 caattacggg ggggtacatt tttggaaggg gtgggttttt aaaaaaactg gcttaaaatc 240  
 ccaaccttaa atattttgga aattaaatca ttagcttttc ttttttttta ttaaggaggg 300  
 gggcttggtt ttgggtttat ttaactttta cattaatggg gcacttggtt atcttatggg 360  
 ataattcttt ttctcattta agcctcccca caaccttgga aagggattac cccattttta 420  
 tgggggggaga aacaggctta gaaggggaaa 450

<210> 8428  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8428

ggcagaacga tctgcactct ttgttttaggc atgttggcctt gacaattaat aactttcatc 60  
 tgacttttat aaggaaacgg acatgcttgg aggctgagga tgcttaatgg aatgataaca 120  
 acacagacgt ggggtatattt gatgtgacag tgattgacat attcagtctg tacgagatct 180  
 gatgattgaa tgag 194

<210> 8429  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) .. (354)  
 <223> n = A, T, C or G

<400> 8429  
 tctgactatg gaaacatgaa gatattttacg ggtgtatgcc actaagagga gaggaaagaa 60  
 atatttttta taggaacaat accataatca aaaaaaaaaa ttgtttattg tgtataaaac 120  
 acaagccaca acgaaatgac atgaaaaaat atttatgatt angaaaggga atgttttggg 180  
 ttataaaca aaagtggcat tggtttactt tgtaagtaac gaaggggttc atttggaatg 240  
 cagcgataat gatggagtat ggtttaccat attttttttag gtaaaaaaaaa aatgctctgg 300  
 ggcatataat ggttattttt aacgggggaaa ggggggtagt tattaatttt ttta 354

<210> 8430  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8430  
 ttacatatgt tgtagcata agacactggc gatgtaactg ctctaaacaa aacaccgaaa 60  
 gttgtcctat gcaatatata ttattatata catatatata ttacataaa atactaaaaa 120  
 agtgaaagcc aataataaca ttggataaaa gtaatacata tctgctaagt gacaatatca 180  
 aaaaaatcaa ggaataattt tacaataata taaataaaaa gaatgt 226

<210> 8431  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 8431  
 cccccccctt tttttttttt tttttttttt ttttttaaaa aaaaaaaaaa atcatgagaa 60  
 atatttgggg acagagaaaa acagggacaa aaagtggaga aaagagggtga aaaaaaat 120  
 acataaaaata taaaaaaaaa tacgtgtggg gacatatattg taaggaggagg ggttttaaaa 180

aaaacgggta aaaaaacaaa acttaaatat tttgcaaaaa aaaaaatttt cttttttttt 240  
 ttttaaaaaa ggggggggag tatttttttg gttaaaataa atataaaata aaagtggaac 300  
 ttgagtattt tatggaaaaa ttttctattt cttttatacc tcacaccacc cttgggaagg 360  
 gttataccca ttttttgggg gaaaaaacag gggtaaaaga gggaaggggg atattttgtg 420  
 cgcgcaaacg ctttatgggg ggaagatttg gtaattgaac ctataattgg ggcttctttt 480  
 taaatataaa atattttg 498

<210> 8432  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8432  
 gctcactgta gctacagcat agcagaccag tagagccaga gaccctccat tcaacacata 60  
 atgggaacct tcctccttat aaaggcggca ggcgccacct tcaagaagcg aaaaacctaa 120  
 cgcgacgcaa aagttatcac actaaacagg acaacctccc gactccactt tgcccact 178

<210> 8433  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8433  
 actgattgtg gcaagcatga gctatattag gggacttgtc aaatagagga gtggaatgtg 60  
 gtaaaaatga tggaaaaaga caagtgcata aaaaggaaaa tggcgtgtgt gtgtagaaca 120  
 ccagatacaa tgaaacgtca tgcataaata tctatgctta gaaagcatac ctcatgggtca 180  
 tatgaacaaa agaggcattg gtgtaacttt gagaagaacg cgggggctga tctggaacac 240  
 gagaatcatg agggggacag gaaaccatc ttgactatgg ggaatgaaca tagctgagac 300  
 ggagcc 306

<210> 8434  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8434  
 cggagtatgg agaaatgaag ctatgtatgt gattgatccc ctaaaagaat ggaaagttat 60  
 ctttagtatg gaacaacaca attatatgag aaagaaaatt gtagtctgtg tcttcaatac 120  
 cattatagat gtagagatgc gtatcaatag aatattgtat gcgttagaag agaaatacct 180  
 acattggacc ttat 194

<210> 8435

<211> 514  
 <212> DNA  
 <213> Homo sapiens

<400> 8435  
 gcacgattgt acatgcgtgg cgccaatcaa caatatataa caccgaccgaa aattattggt 60  
 gcatgatgca tgtttgtgtg gttgctcaca ctgcaaagga ctgtataata ggggatgaaa 120  
 cgggtgctgcg gtgacatgat gatggatcgt ggtgatatgc atgattgacg agctgacact 180  
 aaccatagaa gatgtggtga tggattaata tgataagtca cagacaaaga tgcaggacgt 240  
 ggtgcccagc aatgccagct atgacagcgc gctcatgacg tgtcatatca agggatgatga 300  
 cagtgatagc cagaggggatg ctggatagca gatggaggca gggacaattg gtgaatagga 360  
 gtggagagag catagcagta ggagaactgg agaagctgcg gtgtgtctct gagtgcagct 420  
 ggaacttggc caagagatta ggcgtgaggt gaacatcata ccacctgccc ccgccagacg 480  
 tgacaatgat aagccacaat gcgtatgctc tcca 514

<210> 8436  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8436  
 acaagctttt tttttttttt tttttttttt ttttttgggt ttaaagttaa ataatgaaaa 60  
 cacatggaat aaagggggta atccatgtat tggaaacagc agaaaaagga ggaaagggga 120  
 ccatcccat aggggacact aatctttggg gtaaaactaaa ataaataagg gaaataacac 180  
 ttaatacaat aataaagaaa aaaaaaaaaa ttacattaaa aaaaaaaaca ggaacggggg 240  
 aaaggagccc gggattggga ggaaaggcgg tgcattggaaa agaactcagg ttcaggggac 300  
 cttcctggaa acattctggg gt 322

<210> 8437  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8437  
 caagctttt tttttttttt tttttttttt tttgggttta ataataaaaa cacttggaat 60  
 taacggggta atccaggtat tggcaacagc aaaaaaaaaa ggaaagggga ccatcccaaa 120  
 aggggacact tatccttggg ctaaattaat ataaataagg gaaataacac ctaataaaat 180  
 aatacagcaa ataataaaaa ttacattaaa aaaaaaaaca ggaacggcgg aaaggagtcc 240  
 ggagtatggg ggaaaggcgg gtaagggaaa agcatccagg ctgaggggac cttccctgaa 300  
 aacttccggg ttctgagcag ctcaactcag tcccaggcat aacacgtacc ccgg 354

<210> 8438  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8438  
 acctcaaact cagagtttct tcccttcttt gattttctgg aggacctgca gctggccttc 60  
 ctgagacagg ctccattcct gttccatttg ccttcccggc agccttccct ttagtgggta 120  
 taggttttga cgttctgagt tactttgtat caaagagcta attaaaaatg gtccttcaaa 180  
 aacataaaga aaaacagctt gaaaaatgta cctgcccggg cggggggggg aggggggggg 240  
 gagaagggggg ggggggggc 258

<210> 8439  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(290)  
 <223> n = A, T, C or G

<400> 8439  
 tgtggtcagg cttatgaata tgctcangtt taatgagatg ctctgttgta atgtgatagg 60  
 ctgtggaaac aacaatgagt ggaatgacat caatgatgcc aatgaaattg agcatgtcaa 120  
 ctagcgcagtg aaaaatgggc atgatcatca aagatgggtgt gacgggtccat aagcgtgcga 180  
 cggggccatac aaggactttg tgccggaaga acggcttgga catggggata ggtaagcaga 240  
 tgggcatatg tgaggggaac ggtatcttgg ctgctgacat cgcgatcgct 290

<210> 8440  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(434)  
 <223> n = A, C, T or G

<400> 8440  
 ggtcggccng ggtcaagcct gcgtatcaga atctgagaca gcgtgttggc aactttgttg 60  
 caaatcactt ggcaactcac acatggagtc cgcattctcaa taagaaccag ctaagaaaca 120  
 acattaaaca acaagtcctc aaatcaggaa tggtggagtc tgggtattgac cgaattattt 180  
 ctcaggttgt ggacccaaag atcaaccaca cattcagacc tcaagtagag aaagctgtgc 240



atgagttttt ggccacgcta aatcacaaag aagaaagaag tggcaacaca gctcccgatg 300  
 atgagaaaac agacacttcc cttattacac aagggtgttcc tactcctggg cccagtgtcta 360  
 atgtaaccaa tgatgccatg tcgatattgg aaaccataac ttctcttaac caagaaaaca 420  
 aggctgtctaa ggct 434

<210> 8441  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 8441  
 gacgggctcc acaaacaatc acggtgtggc acactcaaac tcacctacgc agaacctaaa 60  
 gcgggtgtgtg aatttgaacg cggacatatg tcatattaga atgaaatata ggcatttctga 120  
 aaaattgtat ttctatgtgt agagatgaag gaaggatggg tataggctta gcttgatact 180  
 gcaaataata accagggatg ggggtgttaga attgtaaaaa caggatgat ctgattattg 240  
 taattcataa cattaggaga gagataacg actaatattg cttcaacaga taaaccaaag 300  
 aaagaaggag tgccataaca tatactctgc acacaatggg acctacagct tattaaactg 360  
 attttctttg tgctatatct gctaaatatt tgttgataaa tgtccacttg ttggtctccc 420  
 atactgtacg aatgaaacct caatttacag 450

<210> 8442  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8442  
 ggacgtgtac ttgagaaaag aagagtaata atgaatataa cttaatcaat aaaaaaaca 60  
 aggtatttaa aaaaagaaag gaattaagag aaaatctgaa tagatgtatg caagtgtatg 120  
 cttaataatg attagagtat tatttggata actaaataat aatgaatgaa gcagagactg 180  
 aataataaaa taattaggag tagactaagg 210

<210> 8443  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(434)  
 <223> n = A, C, T or G

<400> 8443  
 gtaccggcct gaagataaaa tgaatgaaat aatgaatagg catatcaaat gatatatagt 60

aatatacgtg ggagcaacta gcaatgctga taaccttgaa tgatgacaaa aaaaaattgg 120  
 taaaatagaa gaataaatta ccaatacaat atactagaca ttgttaaacc acaatgggtat 180  
 agtgaatgca agaattatga gtgaaacaca cagtgaatag agaagcgaga tacgacatat 240  
 gaaaagacag tgtaattctg atggtnggta atggtgggtg ggataagact ctatgatcac 300  
 atagctgaca aggcgataat aaatgatcaa aaaacatatg gttggagacc atgcgctggg 360  
 gactttttct gtaggatatg ggagtggaca atctaggtcg ccaccgcgct aatcactaat 420  
 gtattcgcgg ccgc 434

<210> 8444  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8444  
 acgtgtactt gaaaaaagaa gattataaat aagtataact taattattaa aaaatacaag 60  
 ggattaaatg aaagagagta gaaaggaaaa attggaatag atgtagacaa gattgatggt 120  
 aataattgat tagagtatta tttgtataga aaattataat ga 162

<210> 8445  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8445  
 gacgtgcaca cctgaataaa ttgtatgcta tactaacttg ccaagattac cacaacatta 60  
 aaaacatatg tatacattaa tgttctggca gtggactatg agaaaaaac tgaaatgaat 120  
 acagtgatgc atgtagaaca tgtcatgtgc aaactggagt ggatgttgag gacggagcaa 180  
 tgagaatctg aaaactcaca gggatgaaaa aaataaacga tactta 226

<210> 8446  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8446  
 gagtgcacaa caaaaaagaa gtgtataaaa aaatattgca tgatttatta aaaataaaaa 60  
 atattagaaa aaaaaaagaa ttaaataaga atttgataaa ataaatacaa gaatacttag 120  
 acatatgata aaaatatgat tgttctacta cattctaatt aagaaaggag attgagagat 180  
 aaataaagaa ttaagagtag tgaaagagta atgagtaaga gtatgaaata gggatgtaat 240  
 ga 242

<210> 8447

<211> 162  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(162)  
 <223> n = A, C, T or G

<400> 8447  
 aagtaccaat gtgctgggag gacccaataa ttgatgcagg ggtgtggggg gttacactgt 60  
 gactaaaaaa accacataac atcataactg gaacatcact atgttgggat ctgtatctac 120  
 agatcacata aggaaggga gtcgtggaga naagcatggg gt 162

<210> 8448  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8448  
 cagggttaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaagcttg tacaagcttt 60  
 tttttttttt tttttttttt tcccagtatt cataaaataa attttttaga ttggcctata 120  
 aaaaaaaaca tccaaccacc tttccctagg aaccttttga acaccataag aacaaaagct 180  
 ctaacatata ccta 194

<210> 8449  
 <211> 513  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(513)  
 <223> n = A, C, T or G

<400> 8449  
 ggggtaccaa tacaccgaca aaagaaaaaa agcagatggg ctgctagggt tctgctttta 60  
 aaaaatttca tataagaatt ggggttcaag caggaagcca gaacttctgc ctctgggtct 120  
 taaattaaca ttoggtgtgt aatggacaat aggcagggac tcataatttg actaactcac 180  
 atgctcaagc atgatcgtgt ccaatttcta caggcctoct ttgtaaagaa atgtgtaaca 240  
 atggggggaa agtcataatt ctacctgaaa acatggattg taagaagaaa taaaaaatc 300  
 aaacagtatg ttttaagttt cccctttgat actgtgtttc agggtaagtg acagcttctg 360  
 caaaccaaga ctcagtctg attataaagg atttttaaaa ttacattatt aaaaatatgt 420  
 atttattctt ctttcacttt atctattttc caaagcctct ttcaagtaaa ctgtgaagtg 480

cctgagtacc tgcccgggcg ggngtggtgg gtg 513

<210> 8450  
 <211> 638  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(638)  
 <223> n = A, C, T or G

<400> 8450  
 actagaaaag cctggctgcc atccatcgct gcctctgagg tggaggaaga ggcgggtgat 60  
 gtgctcactt ctgatcaaca tgtgttgccct cctctcagcc aacttctatc tcaactgcact 120  
 cactctgggtc atgataaatg ttctgtcacct ttctgcttca ttcccttangg cctaaatcan 180  
 gaagctgttt tatcgatggg ttcccttttgg gtcagtaacc agctttggat aatttcctct 240  
 gattattcaa gtcgtgggac aggtaaacta cattcagcan gaacttttct ncgagagtgt 300  
 tatgtcatgg aaaagacacc aaacacagca agtattgtaa tgaatacacc atcccagggg 360  
 tcagtaagct ctgcctgcc aagaagacaca gtgaggaggg tccacagtcc tgatgangtg 420  
 gcgttttgga acttgtagac cctagcatgg ccagggtctgg tcacccttaa gaacttctca 480  
 gagaaactag gaatcttcag tgaaagaact aatgttctcc tcagctgaaa ttcccttgct 540  
 tgtcagcatt tctgcaaagc tcacacttgt ttaccatac ctcccttgga tgtgacatgt 600  
 angtangaag tatgtgcang tgggagtcac ttgttagg 638

<210> 8451  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8451  
 tacatgtcac accaccgcca tgttttgttg attgaatcgg cttgggtatg cggcctccgc 60  
 tgactgcatt ggacattgat ctgggggaga cgtgaagagg atgtaagggt ggctatgatc 120  
 gctaatagca ccgagtgccct ccttctgtga ggtgactgag ac 162

<210> 8452  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8452  
 gtgcatgcta tcaatgtgtc caattcccac atcctgagct acgcactgga agacatgcct 60  
 aagaaaatag acgaaatata ggtacttctt gatgacagac gaagcataag ataacatatc 120

atagtataga tgaagcaaata ataacgacta aactaatctt acataacaat gcattacatt 180  
 atttgacaca catgggtcatg atgtgattaa gataagatag acaaatatga agattaaatg 240  
 acataatggg tgtgaaagaa cgaagtgaat tgatacacac actatggtaa tatctgtatg 300  
 atatacacta atactactga tcatacaact aaaacaaaaa acaaagaata tctagttcct 360  
 gcttgtcaag catgtgataa ctaatg 386

<210> 8453  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8453  
 tgcgtcatgc ttctcagttt cttctggtaa ctaatgacca agatgaccaa tacattgtca 60  
 acaatgccat gatataagat aaggtagtag aatggattat ttgatattta ttttgtaaatt 120  
 gtgcatcttt ttcaactcaa ttttatattt ctttatgatt tt 162

<210> 8454  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8454  
 ttacaactta taagaaaaag taaagggaaa cctcaacatg catgcaactg ccttgtgtga 60  
 ccagtgtgaag tccccccac gagctatgga ggataattta gccccggaag cgttatgctt 120  
 ttcatatttc aactgttctc ccagggtgt tgcttgggtca aaattaaatt atttccatcc 180  
 atagccaaga ttg 194

<210> 8455  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8455  
 ttgtatttgg ttaagacttg atgatatgga tggaacctca ctottaaatg cgtgatagac 60  
 acacactcta tgcaaactgg gaagtttgac agaaagtctg ggtagggaaa cacacatata 120  
 ggccttgggtc atctggctag cagaactatc ctgtgttgag acaaattgcc cgtgcgct 178

<210> 8456  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8456  
 gccgatgtac gaaggaagcc aatactacat gaggtgtaat aatgcatacc tataactgca 60  
 ctcacctcta tgtaattgct cacatgcoga ccaagggtgac aattttcttc actgctgaca 120

cttctgagtg atgatatcaa cgaatgaaca cgctgccact ctctgacaag acaactacga 180  
 atatcattat atataagaat agggaggggc tctgtttact aaagac 226

<210> 8457  
 <211> 482  
 <212> DNA  
 <213> Homo sapiens

<400> 8457  
 gaggactgtg taacatgtgt cactgggcaa gctgtgccta taatactggg gatgctgtga 60  
 gagtatgtgt ttggtggact tgcagtgggt gtgatttgta agagttactt ttattttttg 120  
 taacattttc ttatgatcat gtctgtgttg ggttgatagt gaaggatata atgacttggt 180  
 ggttgtattg tagatattgt gacatcagac gggatcacgc taatcacttt tgtattttcg 240  
 ggcgggtgta agtctagcat atgggagagc tacataagcg ttggattcat acgttgaact 300  
 attctataat gtctgctatt atagggtggc gtgatgatgg tcataagtgg atactgtgtg 360  
 aaattgttat tggctcacta ttgtatacta tataggaacc ggaataattg gtgtaaagat 420  
 tggggtgcct gatgagtgag ttaaattgca ttaattgcgt tgtgtcact ggetgctttc 480  
 ca 482

<210> 8458  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8458  
 taggcatttc tgacatttta taaacctaca tttaagggga atttttaag gaaatgtttt 60  
 ttcttttttt tgttttttga gggggcaagg agggaccaga aagttagctc ttcttatgtg 120  
 gaatattatc ataaaattac cttagttaa gcatgttta taatctaata tttcaaagta 180  
 ttgaattgat gtctgcaatg cccatccttt cttcttagga attgga 226

<210> 8459  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8459  
 aggtgtcaca tgtagagcta gtcataattaa tatacctgaa tgttatgtat tcatgctaata 60  
 taatataatt tgcaccaaca aaaacgtcaa acaacatatg tgtttgggag gtcttttatgt 120  
 aactctgtat ataaaatata atgcacgttt ttcccgttgt tt 162

<210> 8460  
 <211> 674

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) .. (674)  
 <223> n = A, C, T or G

<400> 8460  
 ccatgaagtc tgtcttttgt caaagttcta tgcagtccca ggatagcgtg atagcagtgg 60  
 ttaaacacaa ccagctagtt atagctttca ttgtatggaa agacctctct ggtctggaac 120  
 tctgcctttg aaattatcca cgtagttcag aaggcaaata cttgttaaag ggatcccaaa 180  
 aggtaggaga caagtagttt ttgttatgca ttagggcaga ctttcaagca caagacacaa 240  
 aattgagcag caaatgtttg ggtagtccca tctcccttcg gtttatatgt gggtagtaaa 300  
 ataaataaaa ttttccttct ttgtctcttt cttgaaataa aatatcaggt atccaaggag 360  
 agctgaggat tctcaatttg ctagattgct ttaaaggggt cagatttaga aaattaagga 420  
 ataaatgaag aacaatttta ctggagtagg tgtggccaat angccctttt tcattttgtg 480  
 ccattgcttt tagcacaagg atgtcaaaaa tatcacatag aatgtcatct ctgatggact 540  
 gacagagacc tctgtttgtg ctgtgttagg acatgaggct tatcccagct tggcgggaga 600  
 gaatgctaag catgatgagt gagatctgcc acaggcaogg atattttctg ctccctcttct 660  
 gtttgtttca aaca 674

<210> 8461  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8461  
 atccatca gggtaaata cactcctgat gatgctgtta atagaaactg gggtataaca 60  
 cctccccatt aactcaagc acaatgtgtg tagttctcta ataaggagat gaattgttct 120  
 tttataccat gagagtgaca tgcacggcac acacttggtt aaggggtgtg cctgcatcaa 180  
 aaataaaata catagaatca gtgtaatgtg aacataaaat aaagaataaa tagcgtggct 240  
 gtcacatgct atttcccttt atggaagggt agtgatatgt cgtgcatgct gcgttctgca 300  
 caactggcct actgggaggg cactggtgct gcttggtt 338

<210> 8462  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 8462  
 gaagagcata ccgatctaata agtagccagt cagggttgtc cgagattgca aatactagat 60

ctatatatca tatatctatc attatatata tgggagaata tattatggga aatatatatc 120  
 aaaaatctat atataataaa gtatttagta gtaatgaata tggatgatatg aaaatatata 180  
 tataatatat tatgtatatata tcatgatgac tgatatactg agactgtcgt actctgactt 240  
 atgatgcatg gctatgtgag cacagggatg tgactacggg gctatatatg cagggaaaat 300  
 aaggcagata acatgggtag tatgtctagg gtagtgtgtg aatcacagaa gatgaatcag 360  
 tgaagagata ttattgaatt gatgctattc agataatgtg ggtgtgaaca gatgcatggc 420  
 atcagaggca tgtctgatat ggcataatg agtgaagtga aacgtatgaa gagatactga 480  
 ttaaagagaa ttcatgca 498

<210> 8463  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8463  
 ggtaaagcta tttgggtcga ttgttaattt agtttgcttt agagagtaga acatataatg 60  
 cgacaaaaga ttagtaatga gaaaatcagt atttcattgg atgtgttaag tgtcaaaagt 120  
 cactgtaatg gtgttgtgtt caaccggtt tttgttttga agaataatgg tgtatgtgtt 180  
 acatcccatt cttcatgtcc aaattttga cgttccttgt ctcactcagc tgtgataaac 240  
 tgggtctggag ttgctgaccg accattgttc atcgaatgag gcattatctg 290

<210> 8464  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8464  
 ttgggtggtg gaggaggtgt ggggtggatgg tggatgaagt ttgtgtggat atgtatgggt 60  
 tatagagtag atgagaatgg gataaagatt gtgaattatg aggatgtgga gtagagtgag 120  
 tataaggggt aagatgtatg aatatataa tgaatggatt atgtgaggtg aaaatgatag 180  
 ataggggtatg gtgtgaatgg agaggatgta atttataaaa tgaatatggg gttttgattg 240  
 ta 242

<210> 8465  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8465  
 gggccgaggt gcacatgtgg aaagtaggtc atgagataaa accatcaata tctaatatat 60  
 atgaatcaag tgtgagttca caactacaaa cactaaaaca cattattaaa aaagcttgta 120



cgagcttttg cttttttttt ttttttgttt ttccgatcac aacgcttact atacgttg 178

<210> 8466

<211> 402

<212> DNA

<213> Homo sapiens

<400> 8466

cgcgggggag gtacacttaa acactgtgag aataacagag aaagatgagg gtttttatat 60

acagtggccg ctgtgtttgc ggcacttggg aatgacatgt ttgtttttac accaccgtga 120

gcgggacctg gaagtagagg gtgcgctgca caaggcccaa agagaatatc attacttgct 180

gatggtgggt cacgtgcgcc gggcacacgg ctgtggcgga gctagcgctg gccgcttgcc 240

agcttcacgc atgggctccc tactcctgac gcctatatgc atactgttgt gtgttgcaac 300

tgtgtctacc atacaatgct cggagggatg ctgggaatga cgtgggtgtg ggagacatgg 360

ctatgacggg tgaagattga cccatctttc cagggtggag cg 402

<210> 8467

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8467

ttaccgatgc ggccgcgccg ggcgatgcac gtgatcaatc ttgtactgag gccacagggt 60

tgcaccagaa attctgcttc taacacttat gtctgagtc tgtcctggag agggctgact 120

gcacaatgat tatcttttct ttacatgtg gcacgtacgt gcagcatcag caagggtggag 180

gggggctcgc gctccacacg cccccaacaa 210

<210> 8468

<211> 674

<212> DNA

<213> Homo sapiens

<400> 8468

cggggccgac gtgcatgata aaaatttgtg gaaaacatgg gtcctgtata cgggggcgga 60

tcaactoctg acacgtaatt cttaggatca atatgttggg ctgtgctgag gctgacagggt 120

gatcttgggg tggtcctttt atggctcgtg gagggctctt atgggttaggc ttgcattata 180

ccatcagatc atagaagcgg acacattgac tcatatccta tggctagtaa ataagatgta 240

ctggatagtg aatctctttg gttacgcgtg acgaataact ggaaagagga gagtgcata 300

aatataatgc agagccatat tgtctacttg tactgcaaac ttttgatgat ctgtatagat 360

gaccagagca tccaactgag tgaggagcat catcgoggaa gacatgattg tcatgtcata 420

cgatagcagc ggagcatata aagaggatat tggcatgctc tgcgccgagt ccaggctact 480

gactaccgta tgtgatgccg actgcagggtg cgatatgatg gagagctcag ctgcggtggg 540  
 atgggtaacg ttcggttcta tagtgtcacg taaatagctt ggcgatga tggtcatagc 600  
 tgtgttgtgt gtgagtgggt atgcgctcac aaaccacaca catacgagcc ggagcataag 660  
 tgaaaagccg ggggt 674

<210> 8469  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8469  
 cgcggccgag gtaccggtga ggaaagtgcg gattgacact tggatggttg taagtatgaa 60  
 tcacctgatg aggtcacaaa tacaatgcaa tcgtcaaact atttatagca gcctctaact 120  
 tgcttcatat gcttctgttt acagagtga taccgacccat ctgctgcagt gaatgtgatt 180  
 gagctctcaa ggtctgggca agaggggatt ggtgtaagtg tatcca 226

<210> 8470  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8470  
 gggcgacgag gcctgacggg gaggaggttt ttgggtgtga tgaagattgt ggcggtttg 60  
 cggcattgga cagcctagaa gtcaggaca agtgatgact ctgtattgga aagtgatgac 120  
 gcaaggccgg gggacgcagg ggagccaac acatcagcca tc 162

<210> 8471  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(226)  
 <223> n = A, C, T or G

<400> 8471  
 nccgntccg ggtctagntt actgggacaa cctgntgntg gncaggnta tggcactcac 60  
 cgggctgggn taaggcacag nctgggnta actcactggg cattgggcag gctatccggc 120  
 atgggctatg gcacagcatt cctacctggc catgacctgt gcatgctagg cacagctatt 180  
 tgcgtggccc tccgctctgc tctgtgctat ggccgcgcat agcgca 226

<210> 8472  
 <211> 338

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(338)  
 <223> n = A, C, T or G

<400> 8472  
 gaaggantag caggnaccga gaggatacca gcattactga cgaacangga ccagccccac 60  
 ctggggaccct cttacccccc aactctcatt gggctacacc actcagtcga ccgatacaca 120  
 ctcgacacag ggacgntagg gatgcaatga tcagacctcc tggtagtcac ctaagcacta 180  
 tctggggactg gtttggggta ggacaaaggc agcacatctt ggcaactggc acaagggcct 240  
 ctccaagctg taagggcagc tcaacagcac ctactgggat gggtcagcgc aggggctgct 300  
 ggtcctaggt actctggccc ggggcggaac gacttact 338

<210> 8473  
 <211> 224  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(224)  
 <223> n = A, C, T or G

<400> 8473  
 ncagntacgn cctggcgnaa ggntcctttc tggacgntca aggagnatgn aatctggnaa 60  
 aaactgtcta ttctcttagn agnagnaanaa tataccccac cttaaagtcgc agctaccatt 120  
 aacaaaaaaaa aaaattagca aagggaaga atcaatggta aggacagtaa atatactctg 180  
 agaatagagt aagtacctcg gccgcgacca cgctaatac tagt 224

<210> 8474  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(770)  
 <223> n = A, C, T or G

<400> 8474  
 gggncagnta ctagnaaagg nccggntcgc catccatcgc tgccctcgnag gtgganaagn 60  
 agcgggtgat gtgctcactt ctgatcaaca tgtgttgccct cctctcagcc aacttctagc 120  
 tcactgcact cactctgggc atgataaatg ttcgctaacct ttctgcttca ttcccttaggg 180

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cctaaatcag gaagctgttt tatcgatggg ttccttttgg gtcagtaacc agctttggat      240
aatttcctct gattattcaa gtcgtggggac aggtaaacta cattcagcag gaacttttct      300
cgaggagtgt tatgtcatgg aaaagacacc aaacacagca agtattttaa tgaatacacc      360
atcccagggg gtcagtaagc tctgcctgcc aagaagacac agtgagaggg gtccacagtc      420
ctgatgaggt ggcgttttgg aacttgtaga ccctagcatg gccagggtctg gtcaccctta      480
agaacttctc agagaaacta ggaatcttca gtgaaagaac taatgttctc ctcagctgaa      540
attcccttgc ttgtcagcat ttctgcagag ctcacacttg tttcaccata cctcccttgg      600
atgtgacatg tangtangaa gtatgtgcan gtgggagtca tctgtcagcc tgctatgttt      660
cagagatcct gaaagtgggt tgaaacaaac aggagaggag caggaaatat ccgtgcctgt      720
ggcagatctc actcatcatg cttagcattc tctcccgcca agctgggata      770

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<210> 8475
<211> 226
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(226)
<223> n = A, C, T or G

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<400> 8475
acagntacga ttacagatc acggtctcaa ctgattttgg catcacaata taacataatt      60
taaagtgggg tgattttattc aacagtatct tgtttcgcaa actttggaga catgtcctag      120
actgtacctt caaactgtat tctgatctt gctggaacat gttggttgct ggcgggtgctg      180
gcatgcagcc atggtgcatt cctggtgctt gaactgatag atgtgg      226

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<210> 8476
<211> 338
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(338)
<223> n = A, C, T or G

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<400> 8476
gnagatacgc aagnttcttt tactttcact gnaagnttct gggcgctct ggtgnttttt      60
tctntcttt tctggaacca ggggcaagca ctccggtctc ttggcttctg cgnacggggc      120
agnatctgag caatgcactt gcgactattc tgctcctctc ctgcacaggg gtaagtatcg      180

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tctctctagg gtgaaggcag atctggcatt tgtcgtcttc ttgggactac cagaccgcgt 240  
 cccttttttt ctctgctgcg tttcttttct cttccttata ctcttttaat ctctgtccct 300  
 cataacttgct tatttcatac gatgctaggt tcactcct 338

<210> 8477  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(322)  
 <223> n = A, C, T or G

<400> 8477  
 cagctgnaag ctccaagnca aancaatata gnaactcatc cagtgatggc tgaactgtcg 60  
 tcatcagcta aaacaggtaa gcgaaaaaga gtcagatgct gtttcgaggt ttagtatatc 120  
 ctagtaatgg ttgtcctgcc tgcaatattt gaattttaaa tataaatcta tttattaata 180  
 tttaacatta tttatatggg gaatatattt tttgactcat caatcaaata agtatttatt 240  
 atagtaatct tttgtgtaat gaatatgaat atttattaat atatggatta tttattattt 300  
 ttatatcttg tgattgtttt at 322

<210> 8478  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 8478  
 cgggtacata tatcaaagga ctataatata aacatgcacc tatggtatta tatagcaaaa 60  
 agaatctatg gggaacagtt acttatgcac acattaacat actccctgaa ttttgattaa 120  
 cacgatgttc tcatatgcat gtgatattca tctacttatt tttggctggc catagtatct 180  
 gctgcatggt atcagagttt atattatcac ctctgggagat acccacctaa tcaactgggtgt 240  
 attgctggcg cgggtgtgagt agatcgtctg ggagagctcc catcgcgttg acatgcctcg 300  
 gtcgtagtat tctataatgt cacatgatta gctggacggt ctcatggata tagatgttat 360  
 cctgtgtgca tatgttatta gatctcaatt ccactcacac tactatcggt atgctataat 420  
 gcgtattgga tgggggagtt aatgagtgtg tctcactata cattaattgt gttgcgctaa 480  
 ctgactgatt tacattca 498

<210> 8479  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(530)  
 <223> n = A, C, T or G

<400> 8479  
 gncagatact gattacaaca atgccatgct ctcgcagcag actcacgatt caaggtctta 60  
 catgcccgcga acatgactca cagnaactaa aacatctaca ctgtctaaaa taagaactca 120  
 aatgtctgga tgtagagact atattgagct ggaaagtcaa taaatctttc actataacca 180  
 ccacatggca cattaatgca tcacatatca agcgtatata gtgcctgaga actgaagagg 240  
 atctgtaaac aactttcatg tgtgtaatat gactgatgta gacacgctat gcattgaagt 300  
 actatctgaa cagatggatt acctcttgtc ctagcatcat ctcgactctg tcttgattat 360  
 caactgcttc ccactggaaa catatgaagc cgtctattta tttatgtgtg tatatgctat 420  
 atgaattggt gactgtgtgg aatgcttgct attgtggcta ttattctgaa tcttaataact 480  
 ataaatatgg atctgatatg attctgcttg tcagtctcta gtgctatgca 530

<210> 8480  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8480  
 cggccccgcc cgggcatggt tacataggca ccgagactgc ggagtgggac tctactaagt 60  
 gtgtgtgcaa ctacatgtgc gaacgtgggt ttttttttac ttcgtgcttg tttgacgcta 120  
 tggctgggag cgcattgagca cagagccatg accgcgtgca cgccgtattc gatggcgc .178

<210> 8481  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8481  
 cgtagtttaa tatttattgt ctctcttttc tgctgttgta gtaccatatt atatataagt 60  
 aaagagatgc gttcaagatc tagatcacgt tctatgaggt agaggactcc cttatcttgt 120  
 atattcaggc ggtcaagtag ctatatctga gacggtcggg ctatattgta tagtctatga 180  
 agtcgtgtga tgattctcaa tagctctatg 210

<210> 8482  
 <211> 546  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)..(546)  
 <223> n = A, C, T or G

<400> 8482  
 tggcatatgc tgtattttat tgtatcgtgt aagtgc taga aatataccca atactgaaat 60  
 cttattaact ttgttttcta tgcggccttg ggttttggtt gttcatgcat tattgtccac 120  
 tattatcatt tttctttaac aagatataac attgtatggt atattgtaca tatattgtat 180  
 gcatccatta ctggtgtgtg tttactactt tggctgttgt gcttaacgac acatggaact 240  
 gtgcaatata gcttttatgc acaactctcg gcttatttaa ccaagaatat tatcgtgaaa 300  
 catcgtgtac tggctaataa ggcatattct cgtattcttt gtaatgtgat atagtgtatt 360  
 cagatagctt taaagtgtat gtgtgacatt cgtgacaact atccaacaca tacttaactg 420  
 tgccaatatt tgtcaatttt tatatctgat gc atgcgttc ct aaaaaatg agatgtctct 480  
 gactaacata acaggagtgt caatttgtgg tgcgtggagt gcaatgtagt agtgtcgnac 540  
 tcagcg 546

<210> 8483  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8483  
 acgaggatta gaaaatcact gaagtgcact ttgatgcgt aggtgaagag tgggaagtag 60  
 aggaggtgtg gagattatta ttttaagtatt ttatgaatgc taagtaatag gaagtgggtg 120  
 atggtgatat ttaaattttg attttgttaa atttgtagta gaatattgat taatgattat 180  
 tttatgtggt gatatttgtga tgtgctttat gttgagcaaa ttggatatta tttattagtt 240  
 tgtttttgaa gtgtcttact atgtgagatg agaggtatag tattgtgttg tgtgtttggt 300  
 gttcatattg ttgtgtattg gatttagttt tctttgaa 338

<210> 8484  
 <211> 177  
 <212> DNA  
 <213> Homo sapiens

<400> 8484  
 gatgcctgtg ctactgtcc acgagtgcac tgaggcaciaa gggcatgaat ggatcctata 60  
 aatgactcac ttgacctggc tcttggcact ggatgtagct gttggggctt gacaatttag 120  
 aacttgaage cctcaccat tatccggaat attgtgatcc tgactactat tccagaa 177

<210> 8485  
 <211> 306

<212> DNA  
 <213> Homo sapiens

<400> 8485  
 aagatgtgat gaagcagaac gatgaattaa tagatggaag acatataaca tgcgataaaa 60  
 gtgatacgtg tcactatata aagagtaaag cccatacaag tatccatgct ttctaattctc 120  
 aacgttgtaa gtggctgggc aacctatgcg acgtcttaca caaggacaca aagacatgag 180  
 catgagctat aaggggggctc caggactacc tctaagaggg ataggcctct agtaactcca 240  
 ggctctgctc cgaatgctga gaggagactt aaatactgtt actgcgggccc gttacatcag 300  
 aactca 306

<210> 8486  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8486  
 tcatgaatct ccaaccttaa atactgaaac actgacatat gaagctatct gatgcctgct 60  
 tgaatcaata taccaccact acttgccgca ctgatgacac tatgcaaagt tgcgtgatac 120  
 gtccgaaaca atgccgtagg gggggctaca gggcacgaaa ca 162

<210> 8487  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(162)  
 <223> n = A, C, T or G

<400> 8487  
 tttttttttg ntggtttaaa attttaataa aggggggnca aaggntgnaa tggntcnaaa 60  
 antcctcaag ntccgnacgg nactccccgn agaccaagnc anttgnantc cattcattat 120  
 tcgntctggg atcttagnca aagccccggn cccctgggan ca 162

<210> 8488  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, C, T or G

<400> 8488



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tttttttttt tttttttttt tttttttcta attactacct tttattctaa gggaaaccag      60
ggcccgaag ncgaataaca agctggncga aacaaaggaa actaggggtg gncaaaaaga      120
attagggggg aaaaacatgg nctcttcctg ggggagggag ncggggaaaa ggnaaaagag      180
gtgctcagcc ggca                                                         194

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<210> 8489
<211> 210
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(210)
<223> n = A, C, T or G

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```

<400> 8489
tttttttttt tttttttttt tttatttaaa aaaatttcaa taaaacggcc gggcgggctc      60
ggggcgcccc ctatcggtc agccgggggn ccctcctccc ccacccatt ctaccagggg      120
agattctggg ggggaggcca agttcccttc tagagggggc ttcacccttt tcccagaaac      180
gttccagttt caggagnagg naggcaggcag                                     210

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<210> 8490
<211> 226
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(226)
<223> n = A, C, T or G

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<400> 8490
tttttttttt ttccacggnt acaaaatctt taggtaanta taaaataaat aatagnaata      60
ttaattaata acaacaacac aacagggnc acaatattaa taataacaaa anctctccca      120
tggncccaag nccttcctcc ancttttctc ttcgggttca cacaacttgn gnanatanct      180
gttttcatan cgggnaaaac ggagnccan anagntcgnc aactg                                     226

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<210> 8491
<211> 338
<212> DNA
<213> Homo sapiens

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<400> 8491
ccaggccagg acacacagac accacgcaca cggaagcac ggacgtgcag accgcacctc      60
ccctctctg gacccactct cccagctcg ccagctcaag ccaggagcac acagcgcgac      120

```

cccagcccac caccaagagg acaggacacc gagatgtgga ggcggccacc gggcagacaa 180  
 ccgaggcgac aaaccacaga accgggtcca cacgtagaag acagcacaca aacgcagccg 240  
 atccccacaac agcacgcagt accctccagc cgagccacac aagctccacc cgtcccccca 300  
 gctccacctg ccgcggtccc ccaagactgc cagccacc 338

<210> 8492  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(594)  
 <223> n = A, C, T or G

<400> 8492  
 caactctgaa tataactaaaa gctgttgaat tacacacttt aaataagtga atttttacggt 60  
 aagcaaatta tatcttaaga cattaaaaat aataacaaag gacggaactc acacatcttc 120  
 tttagacaga aatgtagtct cactgcagca agtatggctt aaacctgctt ctgaaccgtg 180  
 cacagttgta ggcctgtctc aagtgttccg tctgtgactt gtgtcccgcc tgcctgggca 240  
 atgatgtatg tgtggagcgc agtcatgttc tttgttacgc aacacagttt tcaccttggg 300  
 ctaagatgat gtgattcttc caaggtttgt ggcagaaatc ccatttaata nactgggtcca 360  
 gatttcttca tgccgtaaaa ttgtttaagg aagttattta ttctgccaag ctctcgtcac 420  
 ggtgtccgac actcccttct gtctcctgga gggccaggct tccgtgctct ggggctcagc 480  
 aggacgggga ggacgtatnc ctagacacct gcatcagtca aggtcatgga tattgggaag 540  
 acagacagca gcagaccag gtctgagctt acaaggtagc cactgagtct gggg 594

<210> 8493  
 <211> 434  
 <212> DNA  
 <213> Homo sapiens

<400> 8493  
 ccatttgctc actggggcta cagacgcttt tctacctgca atgtagatag actggatgcc 60  
 actcgtcctt ataattgtta actttttact gttatcttta acttgtgttt aacctcactt 120  
 tcatacactt tagaagcaac tggaatgata atggttattg tgaacaaggg gcaaatctgc 180  
 atgtgtgcag aatataatcg agttatcttt cttttactga tactgacccc acatgtgttt 240  
 gacctttcta tgcacactgt tgccctttaga atactaactg ataaatcatt ttactgttgc 300  
 ttttctctca catgttagct taacgctgaa cggcattttg actacagtgt gttctgcata 360  
 tagaacattg attacacatg atatattggg ttatactttt tgttgtctct tgcttattta 420

gtttgctgct cacg 434

<210> 8494  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8494  
 gtactctcta ttacatcacc catgctaata ttgatgatgt atcatctcta tgtaggaatc 60  
 gacttgatc acctgcatta ctgagtgcg catatgagat gagatgactg ctgacctgtt 120  
 cttgtggcac cctggacca ctaaagaacg cccttagtga tgaccaactg ccacatgtta 180  
 cacattcttg atggttggct gtgtggcgga ccttctcttg tgaccatgat ccagaagctc 240  
 ctccaacact gcttcactgg aacactgctg cctcagacga taccacgtga tgaagttgtg 300  
 gcttatgggg cagctgcacg tccgagattt ttgacagctc acaactctga gaatgcatag 360  
 cttgagttgc ctatggaggc agctaa 386

<210> 8495  
 <211> 642  
 <212> DNA  
 <213> Homo sapiens

<400> 8495  
 ggttcaagaa cctgctggtt tctggatgcg taagtcacac agcctctgct gtgtgacact 60  
 attcttgctt ctgcctgtca tctgtgatca tatgccaggc tcgtgccaga atccctttct 120  
 tatactgatg tggcgtgatg gatccgcatg gggctgctct cctggacctt cgtgctgtcc 180  
 ttatacctgg tttggggagc acggtgtgga tgacgtgagc gtgtgatgaa ctgcatggag 240  
 attctgcggc aatagtgaca catgtggctg gtgtgcttga gatatgggat gagatatgac 300  
 atgcggaact aatagcatat gctttgtcat cacgatggca aaatcactga gagaacagag 360  
 aaaaaaacat agtactgtgt cgtgatcaat ctaatccatg ccgtatacgt ggtcgacgga 420  
 caggctacaa tatggatcag cacactatga gtctgatgat acggtagagc atgcaatgat 480  
 gatgacgtga tgggactcgg cgtagtcatg gctatagctg ttctctgtgc gcagttgcct 540  
 tccgctcaca attatacaaa acatacgagc aggaggcata aagagtaaag cctgggggtgc 600  
 ctaaggagtg agctaactga cattattatg ggttgtgcct gc 642

<210> 8496  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8496  
 attgggtggtg gctcatacat agatacttgg tcatatctga ctactgctt ggacttctgc 60

tatatcactg cataacatgg cgggtgggtgg ttggtgtgat gtatctcatt ataggagttg	120
tgtgaaactc attacgaatg gaatggatat cctgatagta acaacatata ccatcacaga	180
ccgcttattg aaagcagtac tatatattac caaacttggc cttgttgtct gggatgatct	240
ggacgacatg tgggtgatag aattgggtga gaacatggac aagatattca acgtgacata	300
taacatgata ccataacaac cctacaggaa catagctttc gactgataca ggtgtgactc	360
tgactggcta ggatgctctg acacactgta cgtctacata caaccagggtg attctagttt	420
acacaataat ggactgagat gatactaact gtggatgata gcactgtatg attaaaatga	480
tctcttagga tattttaaata agaagatata ataaaaatat ataaaagctt	530

<210> 8497  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8497	
tcgacgtata ctatgatctt cttatctgtc tttcgtgtat taggtagtaa ccttatgtat	60
atgtctctgc tagtcattac tgctctttat acattgatat agtctgtcgc tggcagggtat	120
gtaaggggct ctaatgggca tgtatctagc tgatgctctg ac	162

<210> 8498  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8498	
ccaaaagact gctggagacc actcaaggca agacatgaat gtcaagtttc tcaatagcaa	60
ctaaaaagaa aacgaggact gactctcgaa acagctgact aatcattcgg tatactgact	120
tgaatgccca acgcaaagca atacatgaaa ccacccaagc ga	162

<210> 8499  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8499	
agtctgacta ttaaataaat ggaaatgaca cccaacatat acagtattta tatgagattc	60
tgactgtcta catggatatc atgcgcggct gggtaaaaaa tatccgtgga tttgcacacc	120
tgacaaaagc acaccaagaa ctgctttttg aatcatctct cttataactg gttgcacttc	180
catgatcata cacgtggcta gcgagtggta ggttaactca tatattgcaa tggggtggtc	240
ttactcatgt tgtgggtgcat aactggatta gaggaatgga cctgatgaat ctgttgatta	300
tggcgcaact tgccaaacat gaatcttgac tgggtacacga ctctgatgaa gtgc	354

<210> 8500  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8500  
 ggtacacata gggcactgaa catcttactt ctctgtgagga ttactgagct cgctgcatgt 60  
 gattcgtgtg ctacactcc actgtttaat atgttactat gacacaccta ctaaaagtat 120  
 gacagctcct cttgacctgg aagtgtgcaa ttaccatcac acgtggataa tgcaaggcgc 180  
 tgctctcatt tcctgttact tatgactgtg acgtgaagtg agattatgca ctattaacaa 240  
 atcatgatgg tggagatgaa agtgctcatc attacatata atgtgattga tacacagatg 300  
 tgtgacggat tgctgggata aaaatatatg taagattagg actcctaacc gctgggtttac 360  
 tcaatcataa acagaacaat gatcaaaaaca gaggtcacaa tactgcctga ggtggctggc 420  
 atctctacga cgcacgagtg cactgtacac catgcctgca aacgga 466

<210> 8501  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(178)  
 <223> n = A, C, T or G

<400> 8501  
 ccngggtaca tcccattgat gtcacttcgc aagagtgggc atgaccatat tgtgaatcta 60  
 tgagtacgga ctattgagga ctaaactgga aggatgcaac tacacacact gtgaggaatg 120  
 gctgcgtctc acactagtat gctttattac agggactgga cactggatag aanatata 178

<210> 8502  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(594)  
 <223> n = A, C, T and G

<400> 8502  
 cgaggtagag gtcacacagc acatcagtgg ctacatgtga gtcagacct gggctctgctg 60  
 ctgtctgtct toccaatatc catgaccttg actgatgcag gtgtctaggg atacgtccat 120  
 ccccgctcctg ctggagccca gagcacggaa gcctggccct ccgaggagac agaagggagt 180

gtcggacacc atgacgagag cttgaaatct ggaccagttt attaaatggg atttctgcca 240  
 caaaccttgg aagaatcaca tcatcttagc ccaaggggtga aaactgtgtt gcgtaacaaa 300  
 gaacatgact gcgctccaca catacatcat tgcccggcga ggccgggacac aagtcaacga 360  
 cggaacactt gagacaggcc tacaactgtg cacgggttcag aagcangttt aagccatact 420  
 tgctgcagtg agactacatt tctgtctaaa gaagatgtga gtcctaagca gacttaaagc 480  
 caagaaaata agaagaggaa agagagaggc ctgccctaac ccactgttgt gctgacttgg 540  
 acaattccaa gtccaagagg actgtctact ttcgaccttg tgtgattata acct 594

<210> 8503  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8503  
 aggtaaatat cattgatgtg agtttcatac tacagcatgg atgtggtagt gctgcagact 60  
 ggtgctgctt atggggcaga tacactagct ctgatgtcaa tgactggaac agtgtgattg 120  
 gatgcctgat ggatgatttc ttagacatgc taaagtgtaa gtcagaccct gactcagt 178

<210> 8504  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8504  
 ggggcaggta acacctccag acctctttct gtctgagtgt atctagtttg ctgcttttat 60  
 ttatgtatta tgttctcttc atgtacttgc tcttctgtgc tgggagaatt ctgtcgttct 120  
 ctttgccga tctcaaactg tagaaccta aactacttcc tgcagtaact gccctggctt 180  
 ggcgtctcac aaggcaatac tctcctcgtt ccagcgagga ccagagggtg gccagcctc 240  
 ccagtgtagc tggactcc 258

<210> 8505  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8505  
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 ttagacgacc acgaaatata taagcacata taatgctgat tgtaaataga tatccaaagc 120  
 acctctgcta caaactacct ggctcgtgtc tgctgtatct tgccatccac atgatagggc 180  
 atgtaacacg aactccagag caatctcttc 210

<210> 8506  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 8506  
 gtacttgtgt gtctacagtc acggttgact atcccactat gtttactata aatgaggctc 60  
 tgtgattcac tgcattggcag caggtgatgg cattgacata ggccactgct tgatatgatt 120  
 ttgtgcatcc tgtccagagg tcctggactt tatgagaggt atgttttaggc atttggttga 180  
 catgctatct gtctaccogt gtccttacgt ctgggatcac atattccttc tgtgggtaca 240  
 aattgtgtgt gatttctgat gatagggggg ggtgtataac tatttatctt aacactgggt 300  
 gtatatatta cattgggttta a 321

<210> 8507  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(290)  
 <223> n = A, C, T and G

<400> 8507  
 cgggcaggta cactcangaa tgtgctgcac aaactctatt cagttagcag tgatcacccc 60  
 gtgaccaca cacaccttcg atataatcct acaaagtctt aacattaatt aacataatta 120  
 aataagtatt tgcattctata aaaaatatac agaagaacta attgtggagt aatctgtgcc 180  
 tccatttcaa tgtctgcttg tttcactgac attatcaata tattcttttc atacaaagtc 240  
 ttataaaaag cgaaggaggg ctgagcggat acgaccagcc acacacaaaa 290

<210> 8508  
 <211> 371  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(371)  
 <223> n = A, C, T or G

<400> 8508  
 cagntacaan cttttttttt tttttttttt ttttttttgt ttggaacctt taataaaaat 60  
 aaaaaaggaa tgcaaaaaga acacaatggt gaaaacttaa tattaatgtg aacctcacta 120  
 gatgtttcaa tctggtagag tgcaaatttt gttcatacta ttttacattt ttacaaactc 180  
 aaatcacttt ggttcatata tttttctataa actattggca aaaaaatcct caaatttaca 240

ttcttttggc tacattatctt ctaacagata tagattttact tccggtttcg gagagaaaga 300  
 cttattgtgt gtgcgtgatc aagtctgttt taaagattca cacctcggcc gcgaccacgc 360  
 taatcactag t 371

<210> 8509  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, C, T or G

<400> 8509  
 ttactaatctt acttagcaaa ctttatcctg agatttgcaa atttaaaaaa atgaagaatc 60  
 aaactatatt ttcttttctg tttttttgaa acagagtctc cactctgtca tccaggctgg 120  
 agtacctgcc cgggcggggg gttgtngtgg ttatgaattt gtgtgggtgt gaagtagaga 180  
 ttagagatag gatg 194

<210> 8510  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8510  
 tttctgtgta ataagagtga ctgcttataa ggagcgtgga ttgcgataga gtattgtgaa 60  
 taagggtgtt tctacttaag tagatttggt tataggcaag agtgatgtat ctttgttata 120  
 gtttaggtgt atgtagttat tgataatagt gcagcgtttt ta 162

<210> 8511  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(274)  
 <223> n = A, C, T or G

<400> 8511  
 agcaaaaccc acccaagcaa caactggggc caagaacggg gnaacccaaa taggcattac 60  
 cccagaggaa ccgaattaag gaaaatggaa ttaagggggg ggcccaggat tttgacgacc 120  
 aatttgatga tgaaggaccc cttccttgcc ttagggactg gcaaactttt ttaccatttg 180  
 gaaggtaaaa ttgaaggacc aatttcggta gtggaaggaa aacattgggt tgtattaaag 240



gaaaacaaag gcaatgggtg acccgctttc gggg 274

<210> 8512  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8512  
 cttgatgatt gtactgtatg tgtccgtaga gctgatggct gctgtgttct atggacgttg 60  
 gtggacgact gtctgtagat gaggaggaga tgaacagtgt ggggcagggtt tggaacatct 120  
 tgatgaatct ttgcacgctc atgtattgaa atcttagcat ca 162

<210> 8513  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8513  
 tgtataatgg ccctggacca tcttccatgc tggataggac ttataagtgt gtaatacaca 60  
 cgtactatgg gcaagatgga taaagactac tgcctacata acttgtatct atatccatca 120  
 catcaaccaa tgataagtac gaatctatcc taatittaca aacatggaca cataacaaca 180  
 aagatgtcaa tgtcctcatt caacagaact gaagatagat caaacgctaa accagactct 240  
 gtctctattc cctcctgttg tgccacgggtg catctctgcc gagacgggtgc ctttatttag 300  
 ttacaaaaca cacttgatgt atggcctacg cgtttaac 338

<210> 8514  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(322)  
 <223> n = A, C, T or G

<400> 8514  
 ctggtccaac agctgaggga tgttgaggga atactgtact gccactcacc gaattaacgc 60  
 ctgcaactat cagagatgaa caacataaaa aaaaacaaga agagaaaaaa acatagttag 120  
 agaacctctg catgaatcat gataagcaca tatagaagaa aaaagatata aacgtggtag 180  
 cgtcaatccg agagacgaca tcgccatgcg gtattgccag caaacacata tggactggac 240  
 agcnagacat ggatcataat gatgaatgat catgcgctac tagactactg atcaatgggt 300  
 ggacatagca gcanacactc ac 322

<210> 8515  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(786)  
 <223> n = A, C, T or G

<400> 8515  
 tttttttttt tttttttttt ttttttttag tttaaagact atttcagttt tagtcagact 60  
 acttcagacc tcagactcca gacttcagac tccagacttt agacaacaga ctccacatgc 120  
 cacacaacag actttcagac tccagcttca gactccagac tccagatcgc acacttcaga 180  
 caacagactc tagacaacac actccagtct ccacattcca cagcacagac tacagactcc 240  
 aactccaga caacagactc cacactccag acaagagact ccacaatcca gacaagagac 300  
 tccacactcc agacaagaga ctccacactc cagacaacag gagactttta gactccagat 360  
 cagacttcga acttcagatt cactccagac ttcagactcc agaccagact tcagactcca 420  
 gaccagatt tcagatttta gacttcagac tccagaccag atttcatatt tcagactcca 480  
 gaccagactt ctgacttcag acttcagact cctgaccctt ggcaacatgc acatggcang 540  
 cccttcactt agctggtaga aggaacacag gcttgggaag gagatgtctg atgttcactc 600  
 cctgacgaca ctcttacttg cttcaatgat ctctctgagc cttgggtggc ccatctgcta 660  
 aacaaggatg agttatttgc tggggatgct aggagacttc tgcctcatgc ctgcagtgct 720  
 gctcatgttg ccccttgga attacttggt caacttcttt ctttcccact agacggggag 780  
 tttttt 786

<210> 8516  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8516  
 cgagtactct tagtagcgca cgtctttggt gtatgccttt gatgggggct gctgaacgct 60  
 tttttcaagg atcatggatg tctcatggag gaattaaatc tcatgggtat tgattcattg 120  
 cttcacgggg ctgaagaata atctgtgggt gatgtcctga ttgatgctga tatgacacat 180  
 ctttgaggta agaacttggt tatgtccttg aactggatgg gattgttctt tgtgacctca 240  
 tgagtatata catgatgatt cagctgtaga catgtgtgac atctcttatg gttaacatgg 300  
 aggtggacat tatacctgat ggggcgaaca gctacttt 338

<210> 8517

<211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8517  
 tgaggacttg atagcatgtg tgtgtggact gaaatgctta tctcttcgg agatgtgacg 60  
 aaacgcctgg tgtgtgtttg tgtttgggct gagactgtat agagctggta gtttgtagca 120  
 tgtgagagat tggagtgagt ctgtgtggct taactccttt ctggttcgtc tgcgcatacc 180  
 ggcatttagt ctggtgggtt gattatggaa cttgcatgtg aggctggata ttgatgagct 240  
 gtgtgtagtg cggctgatgc ttaatataga gtct 274

<210> 8518  
 <211> 610  
 <212> DNA  
 <213> Homo sapiens

<400> 8518  
 gaagaagtcc tggcaaaat cagctccaca tccacagatc ggctcacagt tctcaagacc 60  
 aagccacagt ctatacaaag ggatatcatt actgtctgca acgaccctta cacgttggcc 120  
 cagcagctga ctcatataga gctggagagg ctcaattata ttgggccaga agaatttggt 180  
 caggcgttcg tgcagaagga ccctttggat aatgacaaga gttgctacag tgaacggaag 240  
 aaaacacgaa acttagaagc ttacgtggag tggtttaatc gcctcagcta cttggttgct 300  
 acagaaatct gtatgcctgt taagaaaaaa caccgagcaa gaatgattga gtatttcatt 360  
 gacgtagctc gggagtgttt taacattggc aacttcaact ccttgatggc gataatctct 420  
 ggtatgaata tgagcccagt ctctcgacta aaaaaaactt gggccaaagt gaagactgca 480  
 aaatttgaca ttcttgaaca tcagatggga cctttcagcc aatttctata attattgaac 540  
 agcttttcgt ggggccagca caaagtcttt aactgctcat agtagttaag aaaagatggg 600  
 gatacatctc 610

<210> 8519  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8519  
 taccaacaac tcttggtaaa gatcacctcc gcatgcacag agtgcttgac atgtgctgga 60  
 tatcacgctt gtcgtatac gaagggatgt gattactgtc tgtaacgacc cttactcggt 120  
 gtgtcaataa ttgactcatc tagacgtgga taggctgatt ca 162

<210> 8520  
 <211> 466  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(466)

<223> n = A, C, T or G

<400> 8520

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gtacttgata agttgattct aaaatacata tgaaagtata aaggaacaag aatagccaaa      60
aactttttgca gaaaaacaaa ttangaagac ttgctttacc aaatatcgag atatgtgttt      120
ataggtaatt cactgagctg acattaatgt gttgtgtatt tttttggtca gagttgatcc      180
ttactngaga gtgggtatgc atgagtgtgt gtatgtgaga gtgagtgtgt gtgtgtgtgt      240
gtaaaatgga ggagaggact aaaagtgtga ctagaagcag ctggaagtag canngagagt      300
ggaagttagt cccctcgagt gtttgcaaag taagacatgc ctgccagca ctcttcctag      360
tgtatagtgg ctacaaatag agtagagaac agactccagt cctcaaagac tttcagtcct      420
gcgagtcaac tcagactcaa atgtagaact ggggaaggaca gtgccg                      466
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<210> 8521

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8521

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atgcacagtg cacatatctg gtacaagcta aatctggggc gcatcacagc caatggtaaa      60
ttctacagtc ccttctctta cggatcataa tgcocttgatt gtaagcgctg cacatacctc      120
agggtcgcca tctactgtag ataaaaaaca actgtggatg actataacgc catgtgcagt      180
ctcatggggg agaggcttca ctcgtttaac                      210
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<210> 8522

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8522

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tgcacattag tacatTTTTc ttaatgggtgt aatacttgcg tgtagctgaa ccaatcatgg      60
atactaccat atcataaaag aacatgacta tatctccgtc tatcatccat taaactatta      120
cctttcacag ctaaggcctt gacctatgcc tgaatgatgc tgttacataa gctgagataa      180
tacagccatt tctgtgtcat ccatcaggat aaacagtatc cacgttctac gagctgtgta      240
gcgtgcaacc aatgccagga gtacatactg tatgctgtgg tcggagcttc tgctaaccac      300
tctatcatgt ggaagatgga taatagctta tgggggaagc cagacaagat tgataaaacc      360
actataggtg cattgacatg tctagctatg tgggtgaggaa tgtgactata catcgtgtga      420
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tgatagttgg gaagtatgcg ctcaatatag gccatctgct ggtctgacag aatctcagac 480

gtgaccacgc tacgtaccag ccacggccgg ccgg 514

<210> 8523

<211> 322

<212> DNA

<213> Homo sapiens

<400> 8523

acttgatata ggctctgaca ccagatgacc tgtagagtgg ccacagaagg tgggcaacac 60

actaataggg tacggtggaa aaacatatgg cggagagagt gacatgatga tgatttcatt 120

taggaagatg actacaaatc tatcataatt gtacaatgta cgtactccta gcatatcgcg 180

tatatgaccg tcgatcattt caacagaaat gaaagcatgg atgtcacgct acactgagcg 240

taatgtatcg gatgcgctgg ctgtttgtgc gcgctgctgc agtcgtgtgc acgtagcggc 300

gtgcgctctg acttgacgta ac 322

<210> 8524

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8524

agtacttggt tgggtggacct gaacctgatt ctctgtgaca gtggcgacta aaattgtggc 60

accgcactta ctgtgtacgg aggaacaaac agactggcgt aggcactggc ctgtgcatgt 120

ttgcatctat aaaacagact acaactgtat cgtgattcta cgtggtcctc ggccctggcac 180

actgtaatga gtgctgaatt cgtaggacag 210

<210> 8525

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8525

agtactggtg tggtgaatcg gaaacctgat ttactgtgca gatggccgag ataaagaagg 60

gcacgtacta atagggcacg gaggaacata gagacgagcc tatggcacta gtaaattgcat 120

gtattgcatg tataaacagg actacaaccg tattctgatc ctacagcggc ccgacgcc 178

<210> 8526

<211> 306

<212> DNA

<213> Homo sapiens

<400> 8526

aggtacacac tatgctgatg gcacttagta agtccagcgc atagacgaga cagactacac 60

tagactctaa aatctgcaca cacttcacga aaattgaatg gtatgtggag ctgagaactg 120

atgagagtga tcagatcact tcattgcaac agatatgccg tcagatgacg aggcacctgt 180  
 tcaactgcta agagccagac gtgccaacat gtctttacat aaatgggcat atgatgaccc 240  
 acgagaaagg acactaagtt acactgtgaa ccgtatgtca tgaatgccgt gtagatgacg 300  
 accaag 306

<210> 8527  
 <211> 626  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)..(626)  
 <223> n = A, C, T or G

<400> 8527  
 tgcaccataa tccctgacgt agatgaaatg ccagtgtcag gagaatgcag acataactcaa 60  
 tgacaacata nattataaga tgaccactga agtcttggag gctgaccatg atgtgcaatg 120  
 atgagaatga taaaataaat aacaatgagc ttgatactgt tgaatagatg ttgcagctag 180  
 acaagcaaaa atattgagaa agctcaagaa attcaataga aaatgtggga cgagttagat 240  
 ctatggcatt ccacactaaa tgtagctgga ttctgaaggc tcagacattg ttgaacagga 300  
 gccaggacac gctcacgact ggatggataa cttgatgatt gctttccagc agtatcagca 360  
 ggtatcacag agagcagagt gtagaacctc acagttgaat agagccacag ttaagatgga 420  
 agaatataga gaccttctga agagcactgt agcttggata gaanatacca gtcatttgct 480  
 ggccaatgct gctgactatg actctttgga gacactgagt caccatgcta gcaactgtgca 540  
 gatggcttta gaagattcag aacagaagca caatctgtta cattgaatct ttatggatct 600  
 agaagaccgt gaatagttta tgaaac 626

<210> 8528  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)..(690)  
 <223> n = A, C, G or T

<400> 8528  
 gcggcgcgga ggtganmnac catagtcccc tggcanaaga ttgaaatgcg ccaggtggna 60  
 aggaatgtca gaaaagcttt ataagacata gatgagaaga ttancaatga agtcttaaaa 120

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agctcaccat catatgcaat gangtagaaa aatagaagaa attaacaatg ggcttcataa    180
tggtgaaaag atgttgagc agaaaagcaa aaatattgag aaagctcaag aaattcaaaa    240
gaaaatgtgg gacgagttag atctatggca ttccaaacta aatgagctgg attctgaagt    300
tcangacatt gttgaacagg acccaggaca ggctcaagan tggatggata acttgatgat    360
tcctttccag cagtatcagc aagtatcaca gagagcagag tgtagaacct cacagttgaa    420
taaggccaca gttaagaatg gagaatatag tgaccttctg aagagcacnt gagcttggat    480
agaaaatacc agtcatttgc tggccaatcc tgctgactat gactcttttg agacactgag    540
tcaccatgct agcactgtgc agatggcttt ggaagattca gaacagaagc acaatctggt    600
acattcaatc tttatggatc tagaagacct gtcaataatt ttgaaacag atgaattaac    660
ccaatccata caagaagtaa gtaatcaagt    690

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<210> 8529

<211> 562

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(562)

<223> n = A, C, T or G

<400> 8529

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gtacaccata gtccctgcag acattgagat cccaggtgga ggactgcana agagctatat    60
acaacatata tgataaggag atcagtgaag tcttggaag ctcaccatca tatgcaatga    120
tgagaaaaat agaagaagg tacaatgggc ttcataatgt tgaaaagatg ttgcagcagg    180
agaagcaaaa atattgagaa agctcaacac attcaaaaaga agatgtggga cgagtcagat    240
ctatggcatt ccaaactaaa tgagctggat tctgaagttc gagacattgt tgaacaggac    300
ccaggacagg ctcaagaatg gaggataacg tgatgattcc tttgcagcag tatcagcgag    360
tatcacagag agcagagtgt agaacctcac agttgaatag agccacagt aagatggagg    420
aatatagtga ccttctgaag agcactggag cttggataga aaataaccagt cattggctgg    480
cgaatgctgc tgactatgga gtcttgagg acactggagt caccatgcta acactgtgca    540
gatggcttgg gaagatcaga gc    562

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<210> 8530

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8530

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tacactgtgg aagctgcagg agtggtgacc gcactcgggtg gactgtctaa ggactactga    60

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atcattatct agacaacaca accagtgagt ctgtgagacg gaagcactat aagcactgat 120  
 gtagtaatga taaaggaagg taacatatgc agcttcatga atgctgtaag aagatgtagc 180  
 gacaagaagg aaga 194

<210> 8531  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8531  
 actgtgggtg ctgagtagtg gactggaccc gatggcctgt taagcccatc tgtatcagtc 60  
 gaacaacaca gccatgtagt ttagcaggt tgaactgaca gaatggctgg tgcgcgcag 120  
 ggcagtacat aacctgaatc gcttatgcat gtgttgcccta gacacagaga agcaattcaa 180  
 taaagtatga cccc 194

<210> 8532  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(402)  
 <223> n = A, C, T or G

<400> 8532  
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 cattatatcc aacacaagaa tatacactat agcaggttga aattatacaa tggatgttgt 120  
 atctcagatc tgcacataac ttgcacaact aattgatgct tatataaata cataaagaat 180  
 aaatangaca ataagtcaca cttgaatata cgttatgtga tgatgagagc actgagagtg 240  
 cgtccagatg tcctcagaac atcactgagc aggaatgagg tggctaatac tctatccact 300  
 cagacataac agacaaacga ggcacacgtg aacagngacc gaggatcctg actagcagac 360  
 taggggttgc agattcaaca gaaaaaaatc caggattgac ac 402

<210> 8533  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8533  
 gctcaattga tacataggta aatatacata acccagattg ctactaatag accaaaacat 60  
 cgacatatgc ctattgtcac gtatatatac tactggcata gtgtatatct attgaaagtt 120  
 gatgggatgg cacttcttgt cggataactg acacaaaagt gagggactca tagcaata 178



<210> 8534  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8534  
 agtgccactg agcacagagg acacatacct gaccgatatg tgactaagat ctcaacctac 60  
 gacctgtggg cattgtaacg gtatctagat gtggataagc gaccatcaca ctagactgtc 120  
 gtgctatggg cccgctggta gggacctctc acctggggag tgccgactaa gcttctctc 178

<210> 8535  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 8535  
 gagtactact gaaatcaaga atacatgtct gtcggatagg tgacagagta actctacgca 60  
 gaacgtgagc acgttggaac ggatgcagat atgtacataa gagaacatca ccaaagagct 120  
 cgtggcccat cagcgcacgt agaagactaa catactagtg aacgaaagcc cataatgcac 180  
 ctctctaatg gttaggcctg tagcacacac tcgcttgaga ccctgacctg ctaatgtctac 240  
 agacccgaga ccaccggcac cctgtacctc ggtcgtctcc acgctaatac ctactgaata 300  
 cacggacgcc ggctagtcta cgatatgggc atagctctca acggcgctgg cagcatgagc 360  
 tgagtattgt atagtgtgat cgaaatagct aggcgtatgc atggacatag ctgataactg 420  
 tgtgaataca gtatacgggt gaaggtacct 450

<210> 8536  
 <211> 161  
 <212> DNA  
 <213> Homo sapiens

<400> 8536  
 gtgccacggg gccggaggac acatgcctgg cggatatgtg gactcagatc tcaagcgaga 60  
 acctgggcca ggcgctacgg atgtagatgg acataagaga ccatacacac agacttcggt 120  
 ccacgtccac gctggtggga aacaatcata ctggggaacg a 161

<210> 8537  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8537  
 atgtgctgcc gatgtcataa gtgcatggct gttgggatgg ccgcagaagt ggctcgaaca 60  
 gacagtttat aagccggtac agttaggtgg agcacataaa caaaaaacac acaggagttc 120

tttccacatc atgacctcgg tgaactgaat cattgtgctt actatggctt atgtctacac 180  
ccactcgagt atgaccatac agaaccatac tcagcagaca gacgaa 226

<210> 8538  
<211> 370  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)..(370)  
<223> n = A, C, T or G

<400> 8538  
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gctaactgtg acacatcatg ataatgtact gtacccgtgg tgttgtgctc tagcttgctt 180  
ttgcacgcac atngagtacg taacatagat cctgaacatg gactgaccag atccatagta 240  
gaatctgaac ttgtacatct cggcgcatatc agtgcataata tacacatgat gctgagccan 300  
cacacaaggt gctgggagct gtggactaga cctactggca gctgctgact caggaacgga 360  
gcatgagtgc 370

<210> 8539  
<211> 162  
<212> DNA  
<213> Homo sapiens

<400> 8539  
atatcggtag tagcagtgc cgcgaatag gtgttagctc aagaacgctc tgacatgcta 60  
cgcactatac ctgaacagcg ccggggagga tgaggggctc atgggcaaga tcagcgtgga 120  
ggactagaag aaagttctgg acaagtgata tgaagtttta ta 162

<210> 8540  
<211> 178  
<212> DNA  
<213> Homo sapiens

<400> 8540  
actatgagat atggacacag acggtgtgag tgtgtgtgtg gggaaatgcga aagcgggttg 60  
ctgcttggtg cgtaggtga taaggcaaac tagctgaagt gtttatcggt tgacattaca 120  
gtgttgtttg ttagaagtgt gatagctcat aggtggtgac taatattggt ttattgag 178

<210> 8541  
<211> 194  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) .. (194)

<223> n = A, C, T or G

<400> 8541

taaactagac ccaaaccacg acactcctca tcacgcaccc caccaggtaa cagccttaac 60

gctgcataca aagtggtaaa gcgaaggga cgcaacctca tataaagaga cctgtgtgat 120

cctcactacc cagcgactgc cggataacac aatcaacacc tacaccatca cggcaangac 180

tacacgcaca gccca 194

<210> 8542

<211> 226

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) .. (226)

<223> n = A, C, T or G

<400> 8542

actacatgat gcacanaaat actcgacta aaacaacaca cataatcacc actatttgtt 60

tctatgacat acatgtgtta cacatgatca tactaatgtt aataaggcaa tgtaggtaaa 120

cactgcgcac acgaaatgcc acctaaaacg tgcaagaaag aaggacagtg gggaggagca 180

aggacacaaat aagcagctct tgaaaggaac caatgaagca cctata 226

<210> 8543

<211> 178

<212> DNA

<213> Homo sapiens

<400> 8543

tcaggcggat ctaaatagat tagttaagaa aaaagatatg ggtgtgatag tccgcagtga 60

gatgtggtgg gggagtgtgg cttgcgtgga gaatgggtgg ttttgaagac tgagtgggta 120

tggggcgggg gagggagagg cgtgggtggc tgtgggggta tggggggcgg ggtgacgc 178

<210> 8544

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8544

gtgggttattg ttgcagtatc ggcatgttaa gatgaaacta ttctgccatc ttactattat 60

tgtatgtgtt ttcatacatt ggagttgggg gatgggttat gttggattac ttaaagtaaa 120

taataacttaa aatccaaaaa aaaaaaaaaa aaaaacaaaa aagcttgtag ctgcccgggc 180  
 ggctgctcga tactgatggt gtagtgtggg 210

<210> 8545  
 <211> 610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(610)  
 <223> n = A, C, T or G

<400> 8545  
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 tcttcccaat atccatgacc ttgactgatg caggtgtcta gggatacgtc catccccgtc 120  
 ctgctggagc ccagagcacg gaagcctggc cctccgagga gacagaaggg agtgtcggac 180  
 accatgacga gagcttggca gaataaataa cttcttttaa caattttacg gcatgaagaa 240  
 atctggacca gtttatttaa tgggatttct gccacaaacc ttggaagaat cacatcatct 300  
 tanncccaag tgaaaactgt gttgcgtaac aaagaacatg actgcgctcc acacatacat 360  
 cattgcccg gaggcgagg cacaagtcaa cgacggaaca cttgagacag gcctacaact 420  
 gtgcacgggt cagaagcaag ttttaagccat acttgctgca gtgagactac atttctgtct 480  
 atagaagata cctgacttga tctgtttttc agctccagtt cccagatgtg cgtgttgtgg 540  
 tccccaahta tcaccttcca atttctggga gcagtgtctt ggccggatcc ttgccgcgcg 600  
 gataaaaact 610

<210> 8546  
 <211> 311  
 <212> DNA  
 <213> Homo sapiens

<400> 8546  
 cacatctgta gactacgtgt tgcgtggaga aggtgtctgc catgtacgct gtgtacttct 60  
 acggcttcaa cttgatttag cgccgtggat gatgaggggc tcagggggaag aatgaatgaa 120  
 gattgatgaa acattgtgtt ggtcaagtgt ggagcatggg tgcgtggct ggacgcaact 180  
 ttgttggtg acaatgtgca gtttaagcac aacaagaaag agctgaagca cgtgtgtaac 240  
 accatcatca gctgactgtt gctgagatgt agagcggctg tacctcggcc gcgaccacgc 300  
 taatcactag t 311

<210> 8547

<211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8547  
 caagctttttt tttttttttt tttttttttt ttttttttga attttaaaagt tttttttatth 60  
 tgaattaacc aatttaaaaa atgggctggg gttaagggtt ttaaaaaaaa aaaatagtgg 120  
 taaaagggcg gtttaattta ttttttgctt gtaaaaacgg gaaaaaaaagc aggttaagtc 180  
 cttgccgggg ggggggttgg aaataattat ggaatttggg ggggtttgga gggggagctt 240  
 agggggaagt tccaaagggg tgggttgaaa agttggagtt ttttttgggg ttgtttaaaa 300  
 agttgg 306

<210> 8548  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8548  
 cactctgatg gtgctattat tgtggcagtc tctttccttt atttgaactt atctttgaag 60  
 aaaagaatat ggcagatgct gacatagcat atgaacatta agttgaggag tctttattag 120  
 ctaaatagct caaaatacag gtggtgaatg ttgagctgcc tattgatggc atataggaat 180  
 gagagatacg tgaa 194

<210> 8549  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8549  
 agttggcaaa agttcactct ggggaatttt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 60  
 gtgtgtgtgt gtgttttggg aaggggtggt tgaggaagaa gaggctagg ctggtgtttt 120  
 cttactccaa aatggaaata ctgcccttga ttcattctca cacgttatgt gaaaatacat 180  
 catagcagtc ttggaaaaga tctacgtctt ggttctgttt agattt 226

<210> 8550  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8550  
 tgtcgtttgt ggggtggttt gtgtgttttg gttgtcttcc tgattctggg ctggtttttc 60  
 tctttttggt gtttttctat tgtcgatgtg gtggtgttgc ttgtttctgg ttccgttggt 120  
 gttgggttct ccttcgtggg gttggttggt tgctgtgtta ctgtttttct ctctgctg 178

<210> 8551  
 <211> 546  
 <212> DNA  
 <213> Homo sapiens

<400> 8551  
 caggtcacac agcacatcag tggctacatg tgagctcaga cctgggtctg ctgctgtctg 60  
 tcttcccaat atccatgacc ttgactgatg caggtgtcta gggatacgtc catccccgtc 120  
 ctgctggagc ccagagcacg gaagcctggc cctccgagga gacagaaggg agtgtcggac 180  
 accatgacga gagcttgaaa tctggaccag tttattaaat gggatttctg ccacaaacct 240  
 tggaagaatc acatcatctt agcccaaggt gaaaactgtg ttgcgtaaca aagaacatga 300  
 ctgcgctcca cacatacatc attgcccggc gaggcgggac acaagtcaac gacggaacac 360  
 ttgagacagg cctacaactg tgcacggttc agaagcaggt ttaagccata cttgctgcag 420  
 tgagactaca tttctgtcta aagaagatgt gtgagttccg tcctttgtta ttatttttaa 480  
 tgtcttaaga tttatttgct taccgtaata ttgacttatt taaagtgtgt aaatcaacca 540  
 ccttta 546

<210> 8552  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8552  
 tatatgcgga gatggactct actctgcttt ttcctatagg acttcatgtg tgtgtgtgta 60  
 tgtgttaaag atgtgttggt gggttccata agggaattct ggaaatcaaa tgtggtatgt 120  
 ttatgtgtac ttgtaatcag gttgtcagtc ccttgctgat atggctttgt tttgtgtaga 180  
 tacgaaggaa tcttaatctt cggggtggga tgaagagaga attatctata ttctttgaac 240  
 gcgttggtttt aagaatca 258

<210> 8553  
 <211> 626  
 <212> DNA  
 <213> Homo sapiens

<400> 8553  
 atttaaaatt agtccccttt atgcatttta ctctacatgt gttatccttg caaagaaaaa 60  
 gactgacatc tttgagagca agagtttttg tcttattcac ctctgtataa tttccaacat 120  
 cgtgctttgc acattggaca ttcaaaaaat gttatacaag attgactgca tcaatactgg 180  
 agtgttgtgt gagggttagg tgctgaggct gagaagtgtg tgagggagac ctgagattaa 240  
 acctgccaca taaagtggag agaagtagca aggtcagggc tatgaaataa tcccaaaaac 300  
 tttagaattt ctacataata cagttgacac tactattctc aatagagctg ctttcagtct 360

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caaagggctg tggatatgtgt gcgtgtgtgt gtggtaaaaa agggaagcag caggggaagg      420
aagagaagtg tgatttcaca agacttaagt aatcttgtca ttgctgcttt ttctgccaga      480
aaattattac cttcccttta aaaatcattt tcatatacat ttactaact tccatgtcaa      540
tttcaccctt ttttttctaa taatagctac tatttattcg ggaccaacta gtatacttag      600
gactatgctg ggtgctggag tgccaa                                           626

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<210> 8554
<211> 402
<212> DNA
<213> Homo sapiens

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<400> 8554
agacacgggg tgactgagga ggaagttaga cggaggacag ggaacgaagg ggaggcaaac      60
aagtcacgtg agatatggac caattgctta aagatgctac aacacatgtg gaaaagtctc      120
tagcatgatg gcaggagtg gggcgatgta tggatactga ttgcaatgcg cactgagtca      180
taatctgggc aaaccatgag gccgacatct atatccgaag agcggaaact acagggagga      240
tgtgttcggg gctgactatg tgaatgatct aattccacca gagctgcaag ccatggacca      300
tggtcatgca gaggaagatg cctaccacac gctaaggata aagccagatg acctgatatg      360
tgacatggga gtctaagatg tctgctcctt gttctacata tc                          402

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<210> 8555
<211> 290
<212> DNA
<213> Homo sapiens

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<400> 8555
gtacaagctc ttacttctat tgatcctgta tgatctttca cggttctttc ttgggcctca      60
aaaagagaca cttattaata gaaaaaaaaat gacaaggatg tccatccttt ggctcccttc      120
cctccccct cctgctgctc cctaaccctc actatattga gccatggctg gggctgggtg      180
gcaggacagc ccaaaacatg agggcaacaa cattgagggg cataacacta atggaggtgt      240
agcataaggg cccaatggct cgattagacc tctgggtctct cacagatatt                    290

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<210> 8556
<211> 658
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(658)
<223> n = A, C, T or G

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&lt;400&gt; 8556

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cagtctttct tcagtgggag cccaggattc tgaatctacc tctttaacag atgaagatgt      60
ctgccatgag ttggaaggac ctatctcttc tcaagagacc agtgctactt cagggactaa      120
gagaattgat ctcagccgaa taagcctgga aagttctgca tccttggaag gatctctgtc      180
gaagtttgcc ttacctggga aatcagaagt gacatcttcc ttcaacgcga gtaatacaaa      240
tatcttccag aactatgcaa tggaggttct catctcaagt tgctctcggt gtagaacttg      300
tgattgtctt gtccatgatg aggaaatcat ggctggctgg acagcagatg attcaaactt      360
caatactaca tgcccattct gtggcaatat cttcttacct tttctgaata tagaaataag      420
agatttaaga cgacctgnaa gatactttct aaagtcaagc ccatcaacag aaaatatgca      480
ctttccatcc tccatttcaa gtcagacgga gcagtcttgc atttcaacat cagcctctgg      540
tcttgacaca tctgctctct ctgttcaagg gaattttgat ctaaatagca aatctaaact      600
gcaggaaaat ttttgcaccc gaagtattca gatccctgct aatagatcaa aaacagct      658

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&lt;210&gt; 8557

&lt;211&gt; 546

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8557

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acacgtgcag catgtcagct cagagcaaac gtaggggcct gcggccaaga tcagtgtcca      60
ttttggccat tacatatgac ttcataaagt gactttgttg gtctgtgatg ccagctctct      120
gaaatgtgca cactaacata aactgggatg gaatacgggt cgtgtgacag actctggaac      180
aggctctgtg gtaccagcat atatggagga gcaaaggacc ggagctgaga atgagccatt      240
ggcgatatga agaagagctg ggtggtgcac tcgggcatag atcgccaggc ttgtatattg      300
cacgtgtcgc atgctctagg cacgttccac tgccaagtgt gactaggaaa atgaccacac      360
cgatgtatat aatgatgagg aatatggagc ttgcgagcct actgtggaca tggctgtgga      420
gatgatgggt gagtactgta tcgaggccaa gcacagatag tctgggacat ggtaatgaac      480
gagtcggtca cgatacagat gcagatgtta tgcagcatgt cagctgtact actatgagac      540
gacgga                                             546

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&lt;210&gt; 8558

&lt;211&gt; 450

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8558

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tgaatttgga taatatgtga ctgaaacacg agtggcaata aaaaagcaaa catgaactct      60
ggggtttaat agatcattac atcagtatca tagaccatgt gactgtgggg cttataactt      120

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gtgtagccta atgaagtgcc aaaaaagaga attatgattc aaggggagcg gatgaacacc 180  
 actattacag ttacagttta tgctgtatat ggattacatc aaacaaacaa agaacttgct 240  
 tgcgaatata ttatatatgc tctgtgaata acggatatgt atgtagtaga ctgtactcat 300  
 gctaatacaa aatgctcagc gatatatata cgaatgcgac tggacaaact gattccttca 360  
 gttactgatg gaagggcggc acgatcttct gaatatattg catacctgac atactgacgg 420  
 gaagaggaag tgatgagaag cctataaaaa 450

<210> 8559  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8559  
 cacatgggga ttatatTTTg tattggcaaa atgagaccac agctggcctg ccatcagatc 60  
 aacataaaaa ccagtattat ggtatatgag atgaatggat agaggtgggg tttattcctt 120  
 attatagaga aacaaatgta tgtcttcac agtcttatta gggacatgaa tagacgaatg 180  
 tacaagtggc ttgcctacga gctgtgccc ttggcctacg agatcaatag ggggagacag 240  
 aaggaataaa cgatgggggc tggacaactg aggt 274

<210> 8560  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8560  
 acgggggggag gcctttcgtg cgagttttgc ttcacaagga aattagctgg aaaaggcttc 60  
 ttaaagaaac acaagggaaa aggaaatagg gcacaaggta ttattgaaat tcttttaaag 120  
 agcagtagga gcttgaaagt ttagaacctc cattatgaat tccaaccacg gaaaagcc 178

<210> 8561  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8561  
 ggggtacacaa gttcatacag acatctgtca tattctgagc agcacatatg agagaagctt 60  
 tgtgttctcc ttgctctctt gcatgtttgt tttgagcttg tggtccaca gagactctca 120  
 tggatttatg acaaaattgg catgcgaatg atttttgaat cataacttgt ctattattat 180  
 gctgtagtgt ggta 194

<210> 8562  
 <211> 322  
 <212> DNA

<213> Homo sapiens

<400> 8562

```
actactgtag tactggaatt tttattgttt taaatgggta gaaaaatggg aatataataa      60
tatatgatat ataaacttta aatgaaaaaa aatgatgtat tgtagatatt tgatgtagtt      120
ttatTTTTTT aattaatcat aaatcagact ttgattgtat tgtagtgata tatgactttg      180
aatatattat aaatgggaaa tgttgatttt ttaataatag acttatatgt aggggtgttgt      240
tgcggttatg ttgtgtgagt gaagtgtttg gttttattta gtgtgggtggg gtttatttaa      300
agaaaaagaa ggtagtatta gg                                     322
```

<210> 8563

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8563

```
gtgctactgg gaacataatg ggtcagggtg ctatctaaca cgaatgatca atgtgactac      60
atctgaacat ggtgttcagt gtgtgagact cacacagagc tttaccaggg tgtgaagatc      120
tgctgtgtgt gcgagcttct tctattaatt aggaggactc tgtgatggac tgacctggat      180
ggcatatata tgggtcgatt gcctcagcag atgagtatct gcagataaag cgacgttatg      240
aggtaggtga agatcaagac aacaacatac cttatttggg acgactgagt atacacagtt      300
aatgagcata aacgaaatgt tatatatgat gagtgagctg atggcgagaa acag          354
```

<210> 8564

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8564

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gttttttttt tttttttttt tttttccagc tcaacccttc tttaatgtca tccagggagg      60
gggccaggga tggaggggag ggggtggagga gcgagaggca gtgattgggg ggtgggattg      120
accacttggt ccatgaagag gggagactgg gtatttgggt caatcatata aaaagacaag      180
ggggtgggcg aactggacct ggggggggat aggacggggc atgggc          226
```

<210> 8565

<211> 370

<212> DNA

<213> Homo sapiens

<400> 8565

```
acagaggacg ggaacaacaa agagtctgtg aacacacatg caaaaaaact ccataatctt      60
atgtacgcag actgaataat gatctgctgg gatgggaaaa tgacgcaaga acacggatgt      120
cacgaaacat accgtataaa cgagggtggg aatgaatgta aagaaaagct gtacgtagtc      180
```

ctgcagagga tgtaacatga agatcaagca gctgataagc tggcagatga catcacacaa 240  
 tacataacag cctgcaacaa ttatatcaga tagagagaca gaacattatg atgaggaaca 300  
 atgaaatgat agtgatacag acaacgatgt agagaccata gcttgaaatg atggaagaaa 360  
 gtgaagtgaa 370

<210> 8566  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8566  
 caactaggaa atatcggaga atgagactca gaagtatgct atgggatgct acottgaagt 60  
 cagaataacg ctgtgtttac catggaataa acgttaaatt actgttgctt tttggataag 120  
 tatgtattac ggcattgctgc acgataacac cttgtcgatt taaatttgat tttttgtttt 180  
 cgtccatcta atgcattaca tgctcatctc gaaagactta aaatat 226

<210> 8567  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, C, T or G

<400> 8567  
 acggatgatg aaatgatgac atcatctacg agtgcattgct tgtaaaggac agcttagaac 60  
 agtcctatat gaacaatcac acctatcatg actggataaa ngaggcctag cgttgggact 120  
 gatacacaca caacaacaca gtgaagatgt ttattngagt gtatttattc tgatgccata 180  
 ggtaatgtag tttt 194

<210> 8568  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<400> 8568  
 ggtacaatac gtgcatcatg actgtcatta gaaacttggg gctatgtggc caagttcact 60  
 gttcatttttg gtttttccat tttcattcag aaagtcacctt tgttggctctg tggagaaata 120  
 tatatggaag tgtcacagta acatacactg tgatgtaatg tgttttatgt actgtttttg 180  
 agacaggctc tgtgacagtg atcatatgat ggaggagcat aggacgagag cagagaaaga 240  
 gtcaagataa agccgaacaa gaccggaaat ccggaattgt gcacagatag ataaggctac 300

cctagtcagt gacgcaggat acagaagtgc ttgatctact gtgcttaggt gttttatitta 360  
 tatttagatg aaaaaaatga taaccaccat ctaaagtcac agagatgctg tgaagagatg 420  
 tggaagcaat gtgagtgttt tgataataac ataaaggact gaaagggggg aaatagtagc 480  
 ctataaagta gttaaggatg catatgaaca taaaaaaca gagcaagaaa ccggaaaaaa 540  
 agaaaaagaa ggaggggaacg aagagcaaaa aaaagaga 578

<210> 8569  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8569  
 aaaaaaaaaa aaaagctaga acaagtccta tttgtttttt ttcttttttt gtaatgtgtc 60  
 caattttattc aagatactcc aaatcaaaaa cagggcacaa caccaagccc gcggcccaac 120  
 acgcgacgga caagctgaaa atgtttttta agcaagtggg gggatatttt gttgaggcgc 180  
 gacgaagaga gaacaaaaaa ccacacaaaa caaacaacga aaaaga 226

<210> 8570  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8570  
 acagtcacag atgaaacaac atttgtaagg accatttatg taaactgctg agatgttatg 60  
 ttttcatttt ggttttcaca gacacattca agctctgtcc gacatgccat taaagcactg 120  
 gctcagaccg cacgcatatt ttcatttttt aagtaactgg taagtatttt ttttctcaca 180  
 aacgcacacc ggta 194

<210> 8571  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8571  
 cagggactcg ggctaagatc atgtgaatcc agtggatgtg ggtcagatat ggacagtgtg 60  
 tgactagtgt cattaatcta tgactgaatg ctgagacaca cctggcggta ctagaaggaa 120  
 tgaaccacaca aaggaacgca ccagcaatgt gttcatgaca catatgatgt tttttagtat 180  
 atcacacaca cgcgagaatc atcactcgca gacttagcgg cagagaacta tagagacgac 240  
 gactgtcagc gagcagccga aggtggcact ccaa 274

<210> 8572  
 <211> 274

<212> DNA  
 <213> Homo sapiens

<400> 8572  
 gtacaagctt tttttttttt tttttttttt tttttttttt tttttttttt ttttttattt 60  
 taaatcaatt aaagatttat gaaatttatt ggggtacagg gaataaccgg gacaaaaggg 120  
 ggagaaaagt tggtaaaaca agtgtatttt aaatattcta tacaattttt tttgtgtaca 180  
 tatttggaag tgatgggtat ttaaaaaaac cgcatagaaa tccacaacct taaatattct 240  
 gcaaaacaaa acattagggt ctctcttcct taat 274

<210> 8573  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8573  
 gttaggggga aaattattaa tgattaattt ttattttggt gtgtattggt atttgtgttt 60  
 cttattgtat atattgtgga aggtgttggg agtgaagttt ttgatttaga gatttgtgtg 120  
 agttttatta ttataatgat tgatagttgg tagaataaag ta 162

<210> 8574  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8574  
 aaggcttttt tttttttttt tttttttttt tttgggtggg aactcatttt tttattctta 60  
 tatattatat attggatatc ttacgaatg ggatactttc ctttgggggt cagtgcacagg 120  
 tggtaaaaaa atttggaaac atcaggtctg aaatagtctg agatgggatg gacttataag 180  
 gggcaactgg cacattcaag gactgtatga aatggcatta aaggactggg ttacaatgga 240  
 ggggtatctc taaaccggga gtaactggaa cgca 274

<210> 8575  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8575  
 ggtattgatt atggaaaaaa tgaatctggt taggggtttt ttcccttaaa ggaagggaag 60  
 gaattttttt ttatgggaaa aaacaatagt taaaaaata aattgttttt tgggaataaa 120  
 taacacgtta aatggaatgg tataaaatat agatattttg ttaaaaaagt ttacctttgg 180  
 gtataataac aaaaagggga atgggttttt tttgtaatga aggccggggg ttatgtggaa 240  
 gcaaccaata ttaagggggg tgggctgtcg atttagcttt gggttaaaaa aaatgggttt 300

ggggctgtta attgttattt ttagggggga aaggggggta gaaagttgtt ttaa 354

<210> 8576

<211> 434

<212> DNA

<213> Homo sapiens

<400> 8576

gcacgattag gaatttatgc ctattatcat agggatcgac atggtcctct tctctctcac 60  
 ctgtgatgct actgatatct tttgtcatct ttctgattgt gggatgagga aagtcttcat 120  
 gtttttatga tatctotaat cttgtacacc tcggaggagg tgtgttttca tctggggcac 180  
 ttgtaatggg ggagctttgc tcgatatgcc atttttgcac tggataagat agtaagcata 240  
 tttggcaact ggggggcaac tggatagcat aaattaaatc ttaaagctg gttgtgccat 300  
 ctatggaagt aaacataatg accaggggat aatgcctagg ctgggtgagt atatcggcc 360  
 tgaaatatag gcttgtatgg gcatattctt ggactaattg ccacaagacg aaggataaag 420  
 agaaaataga acag 434

<210> 8577

<211> 242

<212> DNA

<213> Homo sapiens

<400> 8577

ctatgttttg ttgattatgt tgtattagtt agaatgggat tgttttgttt ttggttgttg 60  
 ttaagtgtgg tgttgtgtgg tgttgtgatg gagttgtttt ggtagaagtg gtgtgtgagt 120  
 tgatcgattt agtaggggat gtttgataat gggttaaatt tatgtatgtt agggtaatat 180  
 gaatgattta aatgattttg tgtgaaggag agatttttatg aatgaaaaaa gaaaggtaaa 240  
 at 242

<210> 8578

<211> 450

<212> DNA

<213> Homo sapiens

<400> 8578

ctcggagggtg ttggcttggg tgatgcttcg ccagggtgagg cgattgggtg gtgcgtgtca 60  
 catacttttt ataatcacia ttcacatcca gtgttgagct tgcggcggtg ctgtggatga 120  
 acatgccaca cactgtccga cagggtggaga gatattgtga aagtgtgggg attgggtgagt 180  
 gagtggtttt gtgtgatgaa tctggcgatg tactttgcgg tcggatgagt ggtgtctgaa 240  
 tgagtgcgtg aaggctctga catatttgac aggagtgggtg cgttttgtgg ttagtgtcac 300  
 cgtacgtgat actgatatgt gatagtggag gagatgattg tgtatattga gaggatgggtg 360

caagagtgaa gtgaaagaga gaaaaaagttg ggagggagtg gagagattag aggaagatga 420  
 aaaggggatg tgggtgtgtgt gtatgtgagc 450

<210> 8579  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8579  
 caggtacaag cttttttttt tttttttttt tttttttttt ttttttttta atttaaatga 60  
 aataaagaat atgaaaattt tttgggttca ggggataaag tggaaaaaat ggtggaaagg 120  
 agtgggttaa aaaggataaa taaaatataa taaatattaa ggttgggtaa aaatttggtta 180  
 aggaggggta tttaaaaaaa atggaaaaaa attcaatact taaaaatttg gaaataaaac 240  
 aaattagttt ttttttataa aaaaaagggg gggggaatgt ggtgggggta 290

<210> 8580  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 8580  
 aagctttttt tttttttttt tttttttttt ttgggtttaa ggtttttttt tgaaaaaaaa 60  
 aaaaaataaa tgggggtttt atgttttttg aaaaagaaaa aaaaaaggga agggggacat 120  
 tcccattggg ggaaattttt ctttgggtta aattatttta attatgggaa tgaaaaactta 180  
 tatcaataac aaggacatt aaaaaatat taattaaaaa aaagggaagg gaatgggggg 240  
 agggagtctg ggggtgggag ggaaggggtt tatgggaaaa cattcggggg taaggggact 300  
 ttcctggaaa atttctgggt ttggggagat taagttaatt tcagggtatt caaatttctc 360  
 gggcgggggg ccgatgcacc ctaatgattc gaccactag cc 402

<210> 8581  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8581  
 gtgttttttg atataatgaa accttttaag ggggttttac gcttaaagga tggaatagaa 60  
 tcttttttat ggcaaaagga taatgatcta agatataatt tgtgtggtgt gtttaaataca 120  
 cgatttccaa tggaatgtga ttaatatcta tctgtgctca cgtagtcttc tctgtggggg 180  
 catagggata agtgcgattg ggtctcgttt gtagctaacg agaggg 226

<210> 8582  
 <211> 338  
 <212> DNA

<213> Homo sapiens

<400> 8582

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gcacggagga tcattgttct ctcttcttct tctgcaggct tgacaagtcc atcttatatc      60
tttgggtatat cagcatccgc acgttcatgc tggctaaaga agctatcttg gatgattaca      120
ttacatatgt tagtcttatt gtggggatac tgttttgccg atgatggttg tttgaaagct      180
gcgatttgat gtaccaagtt ttgattttct gccttttaaa tattttgttt tttttttctg      240
ttatgttgta ggggtgattg ttgggtgggt agtctttctt taccattatt gtaacccttg      300
tttatttttg ggatatttta tgtattgtat ttaatttt      338
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<210> 8583

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(466)

<223> n = A, C, T or G

<400> 8583

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cccaagactc tcatgattgt tcgaccttg gggctatttg tatttatgac atcattcaaa      60
tacctgcttt ttgaaacact aatgcctacc tgccctgggt ggtaacaatg ttgtaagggt      120
tgctcatttg agtgaatgta ttttatattt ttttcatctt ggtactagtt ttttgttatt      180
tctttcgtaa tattctactt gggtttgatg tatggctact atctcttatg ttttcaactca      240
tgtacttang ggcttttttag gtttttagtt ttaatgtgtg tggatatttg ttctctatat      300
tgttcataga tattttattt actgattgta gtgttgtaa atttagatga tttcatgatg      360
aactcattaa ccaggaaatg gacgtgcgta atacgtatat tttttgtttt tgactgtgtg      420
ttctttaata agttcttgaa ttttctattg cgagtgttag atggag      466
```

<210> 8584

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8584

```
gttggttttg tggaaatgtg accttttttg ggggtttttg cttctagggg agtggatggg      60
tatgttgttt atggaatgag aatttttatg taaaaaatat tttgttttgt gtgtattaaa      120
agggttatta gatgatgtgt tcttatttta tatttatggt aagggatggg atttttgggt      180
tttatttaca agagagtgtt ggggtgtttgt      210
```

<210> 8585



<211> 338  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(338)  
 <223> n = A, C, T or G

<400> 8585  
 ctggccttca aaaagtcgta gtggctatTT tttttggaca aaagtaagaa atgttgTTTT 60  
 aggagtaaca cagttcaaaa gagcttttaa gaagcatgca cacttatcac aaacaactct 120  
 ntcaggTggc cagtctgata ttggatataa ttcattatct aaagatgaag ttagaagagg 180  
 ggatacatct actgaagaca ttcaagaaga aaaagataaa aaagggagtg attgtagtTc 240  
 cttgtcagag agtgagagta cctcggggga agaagcatgc atgtctgtgc tgatcccagt 300  
 gaatcctggg tccaggagta cctgcgggtat ttatTTTT 338

<210> 8586  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8586  
 gggTtagtga acttTtgact tttgcatcct aatgtatgct aaaaaatTTT tacttccaac 60  
 accatgatat tatgagcgac tgTTTTgtgc ttgctaata gaactacTgg gctgtgatct 120  
 acacagactg taagtctcat tggggacaaa ctgctccaag gaactgtTgt gattgtaacg 180  
 ctgctatcgg gatgaaacct ggcgcttcag 210

<210> 8587  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8587  
 tgattatgga atcgtgaata tatacaaggg ttttttcccg tataggaatt gaatgcacta 60  
 tttctgatgt gggacacatg ctctttgata taatacattg atgtatgtga ttgaattatg 120  
 tgtctcattg atgatgatat acatactttg atatacatgt aatgtcttct ttatagtgtg 180  
 atgtatgata gtgcaattgg tcaccatttg tggctgaggc taggggtagt ttggaggatt 240  
 ccaatcttga tatattttaga gtatgcatca tacttttTgt tgaaattatt cttgtctTgt 300  
 gatatatcag atattagctc aagggacttg ttatcaatgt ttttTgcgaa tgactttgat 360  
 gatgttgcta tgctggcaca tctctcagaa gatgtcaagg gcacattctc agattgctcc 420  
 acatcctatg cattctattg aaattctctg gctgcgtctc atcaca 466

<210> 8588  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8588  
 gggtagatca gctgcgcccc tcatctccga ctgcatgctt gacaagtcac atacttacaa 60  
 cacacgtata tcaccaaccg caccttgatg ctggctacaa gagctaaata gggagataac 120  
 aacacaccgt acggacactg gggacatatc gtaacacagg agtcataatg gagagaaa 178

<210> 8589  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8589  
 gtacaagctt tttttttttt tttttttttt ttttttttat aaaacaacgc aataccaacg 60  
 aaatatgaga caaaacaata aaaaccaaag aaagaagatg gggatagtag aaaaaaccag 120  
 gttgcttgca aaaaagacac atattacctt aggtccccc aaagataatg atggactttg 180  
 aaaaaaacca aaataaaata cggaaaataa atattaaata aataaaaaca taaaacctac 240  
 tgttataaat aacataaagg agagttaac ttggatgaga tgcttaataa aattaaagta 300  
 tgatgcgata agaataaaga actattaatt ggacaagtcc agagaggcac aaattactat 360  
 gaacactaaa ccctccatga tgggcaagag gaaccggcaa cccagcggg gaggtttatg 420  
 gtctgggggg acgtccgatt ccaggggaga aaaaccagag cttgtaaacg ttattgagac 480  
 ttctactgga gagacgcaca atatatttca caccaatctg ttgtgggagg 530

<210> 8590  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(386)  
 <223> n = A, C, T or G

<400> 8590  
 taccggttgg ggtcccaagt gacagtgtaa ttccaggggg aggtggagcg gctctcgatg 60  
 ttacgtgaca tggaaacgcg ctgggttttca ttgatgatgc caatgtcaag cttcatacta 120  
 cctcctggca caggcgggca actctcangc ttttggaana aagtatgtcc tactttgggg 180  
 attttccgag ctgccgcctc actcagaaag gcaagcccca atatcgacag cagcaagtac 240  
 ttgaccatgg ctgggccatg caggggtctc actgtcatgt tgcgctgggt gcttactttg 300

tgcaggaagc tctttctgtg aatgtatctt cctgaccctg ccgggcggaa gataaaacaa 360

aaacgagaag aacaagcaag acaaga 386

<210> 8591  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8591  
 tattaaaaaa cctaattctt cacccaattt ttttaattctg ccaggaacac ccaataatat 60  
 ttttaaatat atcactttaa tagacttttc ttttagatgt cttttcttgt aaaggaagag 120  
 gtgatatggt ttcattattga tgtgcttaac tcaagttgat ta 162

<210> 8592  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8592  
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60  
 tttttttttt ttttaaacca aaatattttt tggaggatta tttgggggtt tttttaaaat 120  
 gaatgggggtg gtggaacagg gggccttttg gggttggggg ggggtctttt ggggggtcca 180  
 tgctgaatt ggggggatta aatttttagg gggcctattc gaccagttgg ggggggtttt 240  
 tgttttttaa ccgtgggcct tccaatttta ctttttttgg ggcttggggg gggagcccaa 300  
 tttggcacag ggggattttt ggaggggggg gggcttaaag ccacaggggg gggaaaaagg 360  
 ggggctttca ttgggacctt ctaaaa 386

<210> 8593  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8593  
 caagcttctt tttctttttt ttttcctttt tgactttatc acaaaagtcc aaattatgac 60  
 ccatgaaaaa atagagcgaa ataaccttac tgatgaaaga atacatggac ctctgcatag 120  
 atcacaagga catgggggga gaagggcgcg ccacgcgcgc ct 162

<210> 8594  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, C, T or G

```

<400> 8594
gaccgtccta agtaatcaca ccgtacactg cacacaaaca tgggcaacca gcagctgctc      60
ctgcatgctt taagtgtagg aatnacatga acatgaaata gtggacaagg agaaacaaca      120
ggccaaggaa ccagctatca taggacaaga cagaaatgaa aagacatgac caacgtactg      180
gagcggcggtg atag                                                         194

```

```

<210> 8595
<211> 402
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(402)
<223> n = A, C, T or G

```

```

<400> 8595
tgcttaaccg atggctctga tgtggtcagt gaccttgaac acgaagagat gaaaatcctg      60
agggaagttc ttanaaaatc naaaagagaa tatgaccagg aagaagaaag ggaagagaaa      120
aaacagttat cagaggctaa aacagaagag cccacagtgc attccagtga agctgcaata      180
atgaataatt cccaagggga tgggtgaacat tttgcacacc caccctcaga agttaaaatg      240
catttttgcta atcagtcaat agaacccttg ggaagaaaag tggaaaggtc tgaaacttcc      300
tccctccacac aaaanagcct gaagattcct ggcttatagc atgcgagcat tgaaagacca      360
atagcaaact tatcagtacc tgcccggcgg gcggnatgcag gg                        402

```

```

<210> 8596
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<400> 8596
tttttttttt tttttttttt tttttttttg gtttttttaa gtttttaaac tttttatttg      60
cataataaaa aaattgtgca ttccaataat taaaatcatt tgaacaaaaa aaaaaaaggc      120
actctgaata aactggatta cagcctggca ggacacctgg gccagcttgg ggctactcta      180
aaatccactg gcggcccacc ccacctcccc                                     210

```

```

<210> 8597
<211> 210
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

&lt;222&gt; (1) .. (210)

&lt;223&gt; n = A, C, T or G

&lt;400&gt; 8597

```

cccacactgt caaatgtcaa ctccaccagc atctganaac aatgagtagt atgatgaaat      60
gtagaaagaa ggaaggtggt aggtaaagga gcggaatgaa cgagtgggga aaggaggaag      120
gagaganaga gaaagaggaa gagaaaggaa gaagaaaaag acagcatggc ccggcctaga      180
cacaaaacca ggaggtgatc aagctcagca                                     210

```

&lt;210&gt; 8598

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8598

```

cgctgattga aacaccacta tattttctgg atttaaaaaa accttctact acccctcaaa      60
atgaagaaat tcgatgagtt gttatactaa taagatagcg gcctatgact gaaaatgctg      120
tccgccaaaa tggacgactg gtcaaaaatg acacactgta tggacaatca acaacacaca      180
ccacccccga aagcaacgcc ggcaggaccg                                     210

```

&lt;210&gt; 8599

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8599

```

gaggtcgagt cctgctgggc ttggcaacga gggactcgga ctcggcagcg acccagacca      60
cacagacact gggtaagga gtaagcagag gataaacaac tggaaggaga gcaagcacia      120
agccatgatg gctacagcgt gtgctggtgg aaaccaagat aaagatgccc attttgcacc      180
accaagcaag cagaggctgt tgtgttgtcc aaaatcaaaa ctgcacatca acagagcaga      240
gatctcaaag attatgcaag aatgtgagga agaaagttag tgggaaaaag                290

```

&lt;210&gt; 8600

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8600

```

cgggctcgga ggccgcttca cgttcacctc ccacacgccc ggtgaccatc aaatctgtct      60
gcactccaat tctaccagga tggctctctt tgctggtggc aaactgggtg tgcattctga      120
catccaagtt gggggagcat gccacaact accctgagat tgctgcaaaa gataagctga      180
cggagctaca gctccgcgcc cggcagttgc ttgatcaagt ggaacaaatt cagaaagagc      240
aagattaaca aaggtatt                                     258

```

<210> 8601  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8601  
 aagctttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60  
 taaaaaaatg aaacattttt tttaacagaa agaggggtggg ggggggtggg taaaaaaggg 120  
 tttttgagaa agttttaaac cgaccaggt cttgggggaa atttttggg ttaggggggg 180  
 gggaaaaaag gcctaagctt taggaggggg aatttgggg tttttgttg ttttgtttaa 240  
 aatagaatth tttttggctt tttttggca ctggtggtg gggggggggg ggaaaagggg 300  
 ggcacaggth tctgtttttg tttgtcccc agatgtht 338

<210> 8602  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8602  
 gaaggcatga tgthtttgatt tttttttttt atttattatg cttaaataagg gttaaacagt 60  
 gctacaagcc ggcaaacaaa tagtacggat ttcacgggag aagaagcagg accacggcga 120  
 atagaaatga tgccgaacca aaaagctgag aacatgttg ga 162

<210> 8603  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 8603  
 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60  
 ttttttttta aaaccaaaaa atttattgga tgattaatgg ttgacttttt taaaatgaat 120  
 gggatggtgc aacagggggc ctttggggt tagggggggg tccttcaggg aatccatgcc 180  
 tgaattgggg ggatacaatt tttaggggcc ttattcgacc acttcggggg gtttttcctt 240  
 ttttaccctt ggcaactccag tttttctttt ttttgggctt ggcggggggc ccacattggc 300  
 caaagggcga tttttgaagg ggggaggcct taaagccaaa ggggcggggc aacggggggg 360  
 ttttattggg acgctttcaa aaagaagaag tttcttttgt ta 402

<210> 8604  
 <211> 494  
 <212> DNA  
 <213> Homo sapiens

<400> 8604

```

tacatcttaa ataagtctaa taatttttggg tcatctttaa gtaaaaatac attgaaatga      60
atgagagaga tctagatttt aaaaaagttg accattcatt attgctggaa ctgaagaaag      120
gaaggataca ctggcatcac gatttgtcta cataagtcca gttcatctcg cgtttgtttt      180
ggcaagaaga ggacactaca aaactcacag tgcagtcaaa acaaaacaaa acaagaaaaa      240
agcacaaaaa tggctcgggtgg ggaaccatat aacaaaacta catctcaggc agctctttct      300
caaggaagat tctaagatttt tattatgtgg ctaattctaa attggaaatg gaacatgccg      360
gtatgtgaag caattgggtgc taggacttta ccccttgctg atatgcaatg ataatgtgat      420
gagcttttagt gactcttgaa tcaggataat cacactcttt aggtacctcg gccgcgacca      480
cgctaatacac tagt                                                    494

```

<210> 8605

<211> 178

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(178)

<223> n = A, C, T or G

<400> 8605

```
ctctngagct tgtatggagg taagagtaga aacaccatta tgattgtaat aaacgagtgc      60
```

```
ttgaatgata tggttatggg tggctgatat cacactatgg tgtagctcat gtgagtgatg      120
```

```
ctcatgatgc tagtaatacc gatgtgggta tggatggaga ctaatanggg gattgatc      178
```

<210> 8606

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8606

```
taaggaaaga agtaagaatg aaattgaaga aagatgatta tgaaaaagaa gggagaaaaa      60
```

```
gagaaaaata atttttttat gtttttatgg ttttattttt ttttgatatt tttttgatta      120
```

```
aattttatttt ttatgaaaag aggtttgtgt tgtttggtgg attttttttt gttgtataag      180
```

```
ggattgtttg ttga                                                    194
```

<210> 8607

<211> 306

<212> DNA

<213> Homo sapiens

<400> 8607

```
gtactgtttg gtaccttgga ttgcatgagt tgggtgggggc cggcgggcct agccactggg      60
```

```

cgtggaacga caccggtaat agtggtgatg gagtgtggaa tagctgttac ccttcactat    120
gaccgctata acacatgctg aacgatggat cccattgcac aattgtatag tgttgagggc    180
actactggga gcgattctta tacccaacaa gcgatacacc gacataacaa atgggtgggat    240
gggtataatg atcatctgtc gctgccacat cgataaatac tgaattgata gggaatatgt    300
tggttg                                           306

```

```

<210> 8608
<211> 306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(306)
<223> n = A, C, T or G

```

```

<400> 8608
gacgtgctcc acgtggaacg gtggttccat actgtccctt ctgtacacta tacaacgnat    60
gtgagaagca aaacangatt atgatgagat atggccctac atggtttacc gacatatgct    120
tatatgaaag actatgactt attctgcgtt acatcacctc tgttgtacaa gatggtaact    180
tgcgtataag acatgatgag attgggtgtgg ttttatttga atttttgggt ttgatttggt    240
ggttattttt atattgtatg agttgagtat tatatttttag taacggcaaa tgtgtcaccc    300
acattg                                           306

```

```

<210> 8609
<211> 242
<212> DNA
<213> Homo sapiens

```

```

<400> 8609
gggcaggtgt acgcgtcgtt atctaatttt tctgaatcgg aggccaaaag aacaaacaag    60
ggcacgaaaa taggccatgc cttttttgga catttataaa aggtttttgt tttattttat    120
atagatgggt gattatttat agtggtgaac agttgtataa gatggttggt tgttgccatg    180
tttttgaaaa tataatggat agattgtgtt catggaattg gtttatattt tgataataga    240
at                                           242

```

```

<210> 8610
<211> 226
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(226)

```



<223> n = A, C, T or G

<400> 8610  
 ggctactgnt ccaaggaggt aaaaggtagc ttactgggtg tcctcccatt cagggtanaa 60  
 ggagnaggtc tgcggnctag gnagnntcaa taaagtggat tggctctagt ggggcgaaat 120  
 attatgtntct ttgttggttg gtatatatgg nagggatggg gnattattgt ctaggtatga 180  
 gggatgggtat agtgaatagg ggcaaggcac gtcctcccta gttttg 226

<210> 8611  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, C, T or G

<400> 8611  
 gctgcaacgg ctattattca tcctagtggg ntaatggagc antaggtag tattttgcgt 60  
 tgctgggttt ggtttaatcc acctcaactg cctgctatgt aggcataata ttgagtatag 120  
 tgaggagaag gcttacgttt cagtgtgggc atagtattgg gtatatggag cgtagatggg 180  
 ggactgtact tgtg 194

<210> 8612  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8612  
 ctgcaagcag gggggacgag caacgtgaga tgagcagggg atggccaggt gaagcggctg 60  
 gagatgtttt aatgcaccgt cgcaggggtgc aaatgagaga gatcacaagc agcaaaacaa 120  
 ctggatgaga cgatgggagg ggcaaggatg ccagatgtca agagatccat agcgtgaga 180  
 ggaatgtggg aggggggatgc tagagtcata gtaaagggga aaccctatgc tagctgtcaa 240  
 cagagttcac aggggggtacg ggataactgt cggt 274

<210> 8613  
 <211> 157  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(157)  
 <223> n = A, C, T or G

<400> 8613  
 gntacatggn cctgnttctc ctatatggna anaaaaanac atccccgcccc tгнаatttcc 60  
 cagntcctct gnagnattta atgggtgcct aaggagcata taatgaatgt cattgccatt 120  
 tacgaggtac ctcgccccga ccacgctaат cactagt 157

<210> 8614  
 <211> 177  
 <212> DNA  
 <213> Homo sapiens

<400> 8614  
 ctactgttcc aagaatggta aagaggtagc ttacgggtgc tcctcgaatt cagttaaaaa 60  
 gaaggggccc gcggttagga agtcaataaa gggattggct ttatgtgggc gaaaatatta 120  
 tgcctttgct gttgggcata tatggcagga tggggaatca caccaccacc acaacct 177

<210> 8615  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8615  
 tagggggggg ccccggggcg aggggccaca acaatgtaaa ggcttatgct gggaggaaaa 60  
 gggcaagggt ttgccgtgt ttttttaaaa attatttttt tgataggagg gaagaaccgg 120  
 ccttcgaagg gaaaataagg tacctactaa aaaggggccc ccttaattta aggttaatgt 180  
 gttaaagggg gatgccgcg gtccctgggc ggcaacaacg taaataacaa gggaactggg 240  
 ggccgcggga ggggggaaaa taggggaaaa ctcccaaaca gggggatgaa tagttgggat 300  
 ttata 306

<210> 8616  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8616  
 gatgtgatta tcctaattca agagtcacta aaactcatca cattatcatt gcatatcagc 60  
 aaagggtaaa gtcctagcac caattgcttc acataccagc atgttcatt tccaatttag 120  
 aattagccac ataataaaaat cttaaaatct tccttgagaa agagctgcct gagatgtagt 180  
 tttgttatat ggttccccac cgaccatttt tgtgcttttt tcttgttttg ttttgttttg 240  
 actgcactgt gagttttgta gtgtcctctt cttgccaaaa caaacgcgag atgaactgga 300  
 cttatgtaga caaatcatga tgccagggtta tccttccttt cttcagttcc agcaataatg 360  
 aatgggtcaac ttttttaaaa tctaaatctc tctcattcat ttcaatgtat ttttacttta 420

aatgaacca aaaaaattaa acttatttaa aaagagaact gccggg 466

<210> 8617

<211> 402

<212> DNA

<213> Homo sapiens

<400> 8617

cctgggaaga aaatttggtt ggtggagggg aacgggggca gctccaaaag ggatgctgtt 60  
 gttaggggct taaaaacatg gcctgcccc gggaaactga acaagggata gagggggagc 120  
 tccccaaaggc tcctgtgtgt tttactaaaa gggcaacagt ctcaagtggg ggctggaggg 180  
 gaatacactg tttttaaggg ttagggaaaa gagggtgagg ggatggaatt gaaaaaatat 240  
 atttatTTTT aaaaatattg gggagggaac tctctactga ccttggaaaa cgggaaacaa 300  
 gtgggccctt ggggcgaaac aaccctaata actaggggaat tggggggcgc cgggggggca 360  
 acactagggg aaagcccca acgcgttggg agaatatctg ga 402

<210> 8618

<211> 338

<212> DNA

<213> Homo sapiens

<400> 8618

ggcacgcggg cggggtgggg gcgcacaccc ccccttctgg cgcgcgcgcg gtgagggggg 60  
 gggggcgtgg gaggatgggg ggatacagta tcaaatgaaa aataaatgtt aaaaaatcaa 120  
 aaggggcggg ctccttaaac aattttggcg ggccaaaatg tgagggatatg gaggggaggg 180  
 aaaaaaaaaa ggggggggca tggggggcgg tgggtatatg gttctttacg ggggggggga 240  
 tagggatgga cgcagcgggg gcgcccccta cgacaaacca cccgcaccct gccctccaca 300  
 catgcggggc tctctaaaca tggcttcctt ctaagaac 338

<210> 8619

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8619

tctggtcaaa agtcaaaaa atggagttaa caatgggcat aaatgtaaaa agtgactcaa 60  
 atgggaggaa aacctggggg ggaaggaggt atgcgggtga gtaaaaaactt gcaaagcagg 120  
 tggttaccct ttgccatgga acgctcgcct taatacacct gattaagcac acaaggctgg 180  
 ttgaaacatt aggcagggag ggtttgtgtc ggctgggcag gaaggggggc atcacgctgg 240  
 aagaggaaag cagcgact 258

<210> 8620

<211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8620  
 gctgggtctgg acggtcaaga aaatgcggga taaactactc aactggctac tacgtggaat 60  
 gacactgtta tcgtcatcgt acagaacgac gacatccaaa cgcataattgt agagatacgg 120  
 accagtgtat ggaccagggg gatcgaggaa acccgcttca tctaataatga cctacaactta 180  
 taatatgttg aatgaggatg gtgagtgggc tgagcggaaa aaggggaccc actgataaga 240  
 gg 242

<210> 8621  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(226)  
 <223> n = A, C, T or G

<400> 8621  
 angaaataag actgaggggtt ctatctacac ttgtagcgga catcaaaca ctaatgagcc 60  
 aattcctcct gctgcaactg gtctaacgga tgcagcagtt tatactgac gacatgatct 120  
 ctaaagccca taagccgaaa aatggcatct gagatatgct gggccaggtg atgttgtgac 180  
 gagatgtcag tgatcagatc atctaccttg tcataggcca tgaact 226

<210> 8622  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8622  
 aattgccaaa tttgggaaaa acacttgtgt gtgggccaaa ccctgtgggtt aaaagaggtt 60  
 aattaataaa ttactgacg gggggagggg ggtaaggtta ttgtgggtta aaggactgtt 120  
 gcgtaaaatg tctattcgct gcctacggct gccacaaaag cc 162

<210> 8623  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8623  
 tgattagaga gacgggggaa agagccgcct ttctacttgg ttgggcgtgt tttccctgggt 60  
 cttattgttt gttctggttt taagctccaa aaaagggggg ggccatgtta tcttcaatat 120  
 gttttggttg tgggggcggg tgggtctttt atgtgaccaa cagatgtcca gaaaactagg 180

gaggggaatttt tatt

194

&lt;210&gt; 8624

&lt;211&gt; 498

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8624

caccctaaca gaggggaaatt ttttttaaaa aaataaataa aataaaaaca ataagcaaag 60

aaaaatggat gtaatagggg tgggtaaact aaaaagctac aaaaaatggg tccctccacg 120

gaaaaaatta tggaactgta aaaaattgtg ggaagaaact atttgggaatt tctcgagttt 180

agtaaaacag ggaaagaata agggaaaaag tgggataaag aggatgataa atttgggtaa 240

gggtggggga attcaagcct tccaactaaa taaaacctat tttccatacc ccattatggg 300

ggggacccag gggaacgggg gcccatgttc tggaaaggaa ttcggggagc gggggggaaa 360

aaaaagcact ttttggccaa aatatagggg ttttgggtgtt ttcgggcctt tgaaggcggg 420

gggggacaca cagaaggggg ctataatggc aacacccta ataaaggag ggggcttcaa 480

agggaattta aaaaaata 498

&lt;210&gt; 8625

&lt;211&gt; 514

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8625

aaattctttt gtgaattatc gtgaggaaaa aatatTTTTT attaaagaaa atctttaatt 60

aaacgagggg gactaaaacc aaaaaaaatt taccaaaaag ttaagcacct taatcaatgg 120

gttcaactct atttttcggg cggggggaaa aaagggggga aaaagccggg gagggttgga 180

gggggttttt taaattttta aactaattat aaaaataact tgggaggggg aaaaaaagg 240

cttaaccggg gtttttaaac taacagcaca gggtttcatt cacccttttt acctaccca 300

aaaaaaaaa aaaaaaaaaa aaaaaaaaag ttggcccctg ggggggaccc acgctaataa 360

cttagggatt ggggggcggc gggggggccg aaattggggg aaagctccca ggggtggga 420

ggaatagttg gatttttttt tagggtaact taaatagttg ggggtattta gggatatggt 480

ggttttgggg ggaaattgtg taccgggctc aacc 514

&lt;210&gt; 8626

&lt;211&gt; 178

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8626

ctgtgttggg gggggggcga aaaaaaataa aaagaagggt cttgagtggg gtggaaagag 60

ggggaaaaaa aaaagggggg ggaaaaaggg ggaaaatagg ggggggggga aaggaggggg 120  
 cgcgtggcctt ttttggtggt tgcgagaaag aaaaaaaccc cttttgaggg acgcgccc 178

<210> 8627  
 <211> 482  
 <212> DNA  
 <213> Homo sapiens

<400> 8627  
 aaaaaatggg ttaaaaaaaaa aaaaaaaaaaaa aaaactggtg ctaacatttt ttatatatttg 60  
 ggtttttttt ttaataacat taaaaatgga aagagttttt attttaagtg cctctggggg 120  
 taaaaacaac ctccatctcc ttggttaaaa aaacgctttg ggcccctgga gggaaaaaaaa 180  
 tctgtgaggg gtgggaaaat catccaaccc ggaaaacatc cttcaacaaa ccgccaagc 240  
 aaagagtatg aggggggggac atcaaaatta ggggtggggat ttaaatggaa atctctctca 300  
 taacctcttt tctttgggtc tacagtaggg gtaaaaaact ccaaagggga tttaaaaaaaaa 360  
 ccaaaaatta tttaagggc ccctcgcccg ggaccacgcc attctttagg gatcgcgggc 420  
 ccgcgggcg gcgggaccatg gggaagaccc cccaacgcgt ggggtgcatt ggttggtttt 480  
 ct 482

<210> 8628  
 <211> 482  
 <212> DNA  
 <213> Homo sapiens

<400> 8628  
 tagtgcatag tttttattat attcgttttc cggagtggag cgcgtgtttg ttccgtttgt 60  
 gttcgtctaa gacgtgaaga aaagctgatg gtttggtgtg tatatatgtt acacactgtg 120  
 tggagtagtg ggcattctgct aagtgaagcc cacaagcact gtatttatcc ctgacctgta 180  
 tactaccatc tgctgccctc cctagccgca ccaatctact accttatacc aagtattgctg 240  
 gatatgatca caggtcatac cagacaatgc agtgaacaag tgaaagaaat gcatgtgggtg 300  
 tgaagtgtga tatataaaaa gcccatgcag aataccattg atgccctgat ggaagagaaa 360  
 atggcagcaa aaatttcatt attctcacia gcctgaaacg cgtgaattac aagggtctaa 420  
 agaaatacta atgcctctaa cctttcctat agctgctttt tatctgaagg gttccttgaa 480  
 tg 482

<210> 8629  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8629  
 gttgtgacag tgaccgtggg ggatattgag attgagataa ccaatatcac tacgggcaca 60  
 acatacattt atgacgctag agcaagaggc cgagaataac gtggataata aaattgacaa 120  
 agacagcaga ggcctcaata cccacggact cctgtcttga cccgaagtag agactgttaa 180  
 gtcctgatgc gtcgcctgcc ctctcttcat tgctgccctg gaatgtacct gcccgccgt 240  
 tccccaaaaa cagcccgga ctggggctgg ttaatgcagg tgatgaacca gtggttggt 300  
 ttgtgtattg ttttgtttta aa 322

<210> 8630  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8630  
 tgtgaactgg gacctttagt ggtgggcatt catgctgcat atttgtgtgt tgtgttgacc 60  
 tgggtggggac ggaacatcga gtcctgggtc gatgatggag ctgatggagg gctggatgac 120  
 taatgggcgg cccaggccgg gggggaccaa actccaacac aagacaggag cgagacgtga 180  
 ggggagggag ggacacacgg ggcggccatg gacgcagaca gcaccgtggg ctgtgcagtc 240  
 tttgttgagg gcggagcaca agccggtatg aggataggga taaaattaat gggatcact 300  
 tccctttttt tgtttttggg atttttaacc acataaat 338

<210> 8631  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 8631  
 gtgaaaatat ggtgttttagg cgttttgtgg aggttggtgg ggtggtctat gttttttttt 60  
 ggatcttatg ctggaaaatt ggtagagatt gtagatgttt ttgtatatga aaagggtttt 120  
 ggttgatgga tattgtttta aagtgaggag aatggtaatg tgttttatgt gtttgatgtt 180  
 aattgatttt attttttagtt tatgtaggtg tttattatat gtatgtcata atagtttgga 240  
 aaaaggcaga tattatttaa aaaagggtaa atataatgat gggtaagaa gattgaagat 300  
 agaaaa 306

<210> 8632  
 <211> 240  
 <212> DNA  
 <213> Homo sapiens

<400> 8632  
 tacatttttc aagctgtttt tctttatgtt tttgaaggac cttttttaat tagctctttg 60  
 atacaaagta actcagaacg tcaaaacctg taccactaa aggaaggct gccgggaagg 120

caaatggaac aggaatggag cctgtctcag gaaggccagc cgcaggctcct ccagaaaatc 180

aaagaaggga agaaactctg agtttgaggt acctcggccg cgaccacgct aatcactagt 240

<210> 8633

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8633

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tttttttttt tttttttttt ttttttaaat agattttttt ttttgaattt tttgaaattt 120

tgaatttaaa atgaattgtg gagggggggg ggagtttcaa tatgttggct gtgttttggg 180

actgggttgg cggc 194

<210> 8634

<211> 493

<212> DNA

<213> Homo sapiens

<400> 8634

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tgagagagat ctagatttta aaaaagttga ccattcatta ttgctggaac tgaagaaagg 120

aaggatacac tggcatcacg atttgtctac ataagtccag ttcattctcg gtttgttttg 180

gcaagaagag gacactacaa aactcacagt gcagtcaaaa caaaacaaaa caagaaaaaa 240

gcacaaaaat ggtcgggtgg gaaccatata acaaaactac atctcaggca gctctttctc 300

aaggaagatt ctaagatttt attatgtggc taattctaaa ttggaaatgg aacatgctgg 360

tatgtgaagc aattggtgct aggactttac cctttgctga tatgcaatga taatgtgatg 420

agtttttagtg actcttgaat taggataatc acactcttta cgtacctcg cgcgcacac 480

gctaatact agt 493

<210> 8635

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8635

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aaaatatttg aaaaaaaaaa ttttttttta aatttttttt tttggtgggg aaataaaaaag 180

ttggaggtta ggggaaatta agttgaaaaa gaaatgggaa catccacccc cacctttttg 240

gaaaaaaaaa aatgaatggg ggggaaacca agggtagaag gggaacaggg ggtagggggg 300



gcacggggggg gggctggctt tccacctcct tacattttgg ttacaggggc ccaaaccat 360  
 ttgggggggct ttggaaaaaa aaatggcaag gggttttgga gtaaaaagg ggggggggga 420  
 aaaaattctg gatctcgggc cctcacaaaa aagggtggtt agggttttca agctgggaaa 480  
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 cctgga 546

<210> 8636  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8636  
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 taagaaatag tataacgata gattgttggt taggttaaga ttgaatatat atttataaat 180  
 taatattgag tatattattt gttgtgttta tattatgaat taaataaatt gatatgattt 240  
 attttattat ttgaagtcac tatattaata agattttatt aggttaaagg 290

<210> 8637  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8637  
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 gaagggtttt gtgggtccgaa taaggggggg aaacgataaa cagggtttcc tcatgaagaa 120  
 ggggtgtttg acccttggtc gtgtccggtt gttattgatt tgggggcatt tctgttccag 180  
 actaaggaaa cttggacaaa aaaagaaaac attagttcgt ggttgcattg tggatgtaaa 240  
 ttgactggtt ttaacctggg ttattgtaca aatg 274

<210> 8638  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

<400> 8638  
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 atacagttct gttggtagga tagaacaatg agcagacatc tgacagagga tgacacggct 120  
 caagctacat gcatgtgtac ggtgatgtgc tatggggcac aaaggtagcc tatgctgaca 180  
 tggaactttg attacaacta gggcatatct atggctgatt taatgtgata acagtcccca 240  
 gtagtcgctt ccgaataaat gaaaagtgtc ctactgtggg gtctggcaag aaaaaagcaa 300

aaatcatgat attcacgctc acatgcaaag aaagtata 338

<210> 8639  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8639  
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 aaaaagggtgg aaagttgaat atatacaaaa ctaacaagat aggaaacctg gcaaataata 120  
 cataatggct ctaataatca cataatagca agctgtcctg ag 162

<210> 8640  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8640  
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 caactagaga caagtctgtt gaacaagaga aacaacaaaa caattgctga ttcatgttgc 120  
 aacaatatag agggacatca ctggggcgag atgccggtgt gataatgtac actagcgggtg 180  
 gagccttggc accg 194

<210> 8641  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8641  
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 aatgatggaa tagcaatgag atacaaaatg caactaaaaa tgggataatc tagatattag 120  
 agaggacttc aaacatgcaa ataggaacca caggtgacta tgatggtata tcgatttatg 180  
 tgtgtgagta ttcatggtat tacaggctga atgtaacaga cacaagcaaa taggttgctt 240  
 aagactgtgt ccttgttctg tcggatgtgg gcggggagga tggatcatctt ctctggtgtc 300  
 tcactgttag actttgaagc gg 322

<210> 8642  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8642  
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 agaatgacaa aaagtactta actgttgtgt tagctggagt gaaaggatatg atgatatata 120

ttaactggaa acagatgaat gtccacggag ctttctgttg gagaggacat tgcagccg 178

<210> 8643  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8643  
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 ggacgagtgg gtggtaggat gcagtcaaaa gcctcaagca tagtgggtcc aatggaattg 120  
 tgcatactta ggggtgtact ttccatccat atgaactatt gcttgtaagc acattggctt 180  
 ccaagatgtt gagagcattt aaaacaaaga ttggcacaag agatactgtg tatgagatag 240  
 agagaatttt ttgtgtgata gggatggatt catttgcaat aagattatgt ctataatagc 300  
 agtttggcgg attcaggcga atccatgatg taaataccga ccgtggggtc gcaccgaagc 360  
 tagtgtgttg gatctaaagg ttgtctatat gtggtgacca tcagtgttta atgccatcta 420  
 caatatggag catctctccc ttaaaccatc tggaacagcc acagcc 466

<210> 8644  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8644  
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 ggccacaaag ccatggatat tagctttagc tcagggaaaa aaagagcgcc gggctcacct 180  
 cattaaccag tataatgcaga gatgggcagg ggtacctgcc gggggcgccg ggcggcgggt 240  
 cgcgctgggg ccgggggt 258

<210> 8645  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8645  
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 tggatgggaa aaggggaaca aaggagaggg aggatgcgag gaaaagcacc atccacgcga 120  
 tgagagaggc tattagttag ggacagagtg gggacaaaag agagcaaagg gaacgtga 178

<210> 8646  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8646  
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 tttttttgac tttcttttgtt tttttttgtga tgctttttttt tttttttttt tatagtaatc 120  
 aaaatataaa aaaaaaaaaa aggaccgggg ggaaaaaatc tggggaaaaa ctaaaaaac 180  
 gggggggaaa aacaaaaaaa aaaaaaagaa aaataaaaagc gggcgagcca caaatggggg 240  
 gggaaagggg aaaaaaaaaa aagaaaaaaa aaaaagtaac aaagggggcc ccggggaggg 300  
 ggggcagaag ggaaaaaaca cccatcccgg gaggggagag gggggaaaaa aaaaaaaaaa 360  
 aaacacccaa aaacgccctt cgggca 386

<210> 8647  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<400> 8647  
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 tttttttttt tttttttttt tttttttttt ttttaaaaaa cggggcatta attaaaaaaa 120  
 aagggggaca aaagaagggg ggggggggaaag tcacacccaa actgggggta aaagaggggg 180  
 gggataaact ggaaaaaaca atcaaaaagg gggggcaaga acaagaaggg agtggggaaa 240  
 ttataagtgg gaaaaaagcc aaagataaaa aaccaccaca aaaggggggc catatgggaa 300  
 ggattcacac atgagggggg tggatcaagg aaagggtcct atccattgaa aaatatatca 360  
 ttgcggccat catatgaagc gagagcacc cgcgaatgaag aatgttaagg ggggggtgga 420  
 gagggggaat aaaattgggg gaatggccac 450

<210> 8648  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 8648  
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 aaaggaaaat ggagtgcgac taggaataat gaataataga agattataaa taaatacgat 120  
 attaataata attaattagc ggtcataata taatgattca caacgaaact ctggaacata 180  
 tataatagcc tcatgacatt actattttaa taaacatgat ctgcatccaa actatttaat 240  
 gcttattttac tgcattacct tcggagacag ggtctagctc tgtcgaccag gctggagagc 300  
 aggggtgcga tcttggctct gtggaaccga cgcctcccag gcccaagcga tcctcccgcc 360  
 tcacacctcg gccgcgacca cgctaatac tagt 394

<210> 8649

<211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8649  
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 aaaggaaccc acacgtaaaa caaacacaaa cggcaaaaag aaacaactcc ctcaaaaacg 120  
 cggccggaag acaaccacag ggggggggag cgaggaaaaa ac 162

<210> 8650  
 <211> 482  
 <212> DNA  
 <213> Homo sapiens

<400> 8650  
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 gttccagcaa acgtaaaaag ggaagaaaaa tgggtaaaag ggaacaatga agctcggagg 120  
 gaagttttcc gggggggacaa gggggggctta aaggtaaaaa aggtgtctgt aagggatgtc 180  
 ggtgggggaa acgtggcggg ggacagaaaa aatgaccac caagggaagc agggggctta 240  
 actgctaagg ggataatccg gaacaatcca ggcaaaataa gggcgggtta tgcccttgta 300  
 tggaatggcc ataggggttaa aatggcatgc aggtttgttg agaggaagga aaaaatggat 360  
 ggccgtgcgg gtaaaaagct ggaagatggc ccaaatcggt gagagtgtgg tgatgttgcc 420  
 atgggggatg tgggtgcggtg agagcacatg tgtgtggaaa gcctctaata ctacgcaact 480  
 tt 482

<210> 8651  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8651  
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 aaaaataacg gggggcaagc aaagcgggaa aaagggggaa aagcacctcc cggaggggaa 120  
 cccccggggg caaggcccag ccaaagagac gggacagaga caagaaaccg ggaaaaggaa 180  
 atataaaaaa agggaaaggg cgagcccaca gaaacccaaa ggcggcacag gggggccggg 240  
 gcgggagaac ggggaccag gaagccagga aaaagaggga acaaaaaaaaaa gggagacgga 300  
 ggagggaaaa ccagggaacc accggcgga gcaggcgggg gcgaaggggg ggaggcaagg 360  
 ggagggacag aggaactaaa aaaagg 386

<210> 8652  
 <211> 159  
 <212> DNA

<213> Homo sapiens

<400> 8652

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 tttttaagag tggtattttg tttttgtttt tctgttcttt gttgtggctc ttgttttcat 120  
 ttttgttgta cctcggccgc gaccacgcta atcactagt 159

<210> 8653

<211> 274

<212> DNA

<213> Homo sapiens

<400> 8653

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 tgaatgagct gcaaagggtg acttgggtgg tggcgagaac tacatgacac agatgagagt 180  
 gtgattatgg gaaatgccct gaacagttct gagatgctat atatttggaa aggcgtgttg 240  
 gtttgagtgt gggaatatca aaggacacca ccag 274

<210> 8654

<211> 480

<212> DNA

<213> Homo sapiens

<400> 8654

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 tctgcactcc aattctacca ggatggctct cttcgctggg ggcaaaactgc ggggtgcatct 120  
 cgacatccag gttggggagc atgccaacaa ctaccctgag attgctgcaa aagataagct 180  
 gacggagcta cagctccgcg cccgccagtt gcttgatcag gtggaacaga ttcagaagga 240  
 gcaggattac caaaggatc gtgaagagcg cttccgactg acgagcgaga gcaccaacca 300  
 gagggctcta tgggtgtcca ttgctcagac tgtcatcctc atcctcactg gcatctggca 360  
 gatgcgtcac ctcaagagct tctttgaggc caagaagctg gtgtagtgcc ctctttgtat 420  
 gaccctttcc ttttacctca tttatttggt acctcggccg cgaccacgct aatcactagt 480

<210> 8655

<211> 316

<212> DNA

<213> Homo sapiens

<400> 8655

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 tccatcagct tgcgaggatg tacagaaccg gggaactgag atactcatat ccatgttggg 120  
 ctgtaaaaag gctgtcaaaa ccataagatg caccgatggac aatatgctgt gggcctgggg 180

acacatactg aaagacgggg ggaggagggg aaggggaggg ggcgaatcgt tggtagcggg 240  
 gggaaagtgg aagacagtga gaagacctag gccgcgacga cgctaattgac tagggaatta 300  
 gcgggcgact gggagc 316

<210> 8656  
 <211> 514  
 <212> DNA  
 <213> Homo sapiens

<400> 8656  
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 gcatgtgact ttaaaaaaaaa ccaacattat ccacaagga taggcacatg aagggggaga 120  
 tgggtggttga aaagatgttg acctagaaaa taaggcctag cacacagtca ctgaaagact 180  
 attggatagt acagagggga catgaaagac ggaagtgtgt ggagaacatt gacagaccaa 240  
 aagttgaagg gggaaagaaa aacacaagac ggccatgtca ccgaatgttg tggagtgggg 300  
 ggggggaggg gctcgggcaa cagacaggcc atataacaga cgatctacag agagggcaca 360  
 gggacagggg gcacggtgaa gcaggagcca gggaggtgga aagcgacatg gccgggaatg 420  
 gggagagcca aatattgtga tctacagata gtgcacctct gatggcgaga gaccatgcac 480  
 ctgaagctct gtatgtataa tggacggccc aaac 514

<210> 8657  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8657  
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 aaaaaaaaaa aaataacatt tacaacatgg gaaggaagta aactgtaatt tctttgaaca 120  
 acaatggtgg tgggtggggg gaaaaccaca accccaaacc acttcgccgg ctccaaatga 180  
 tgggataaaa aggt 194

<210> 8658  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8658  
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 atatcgacat attcgataag gtgaaactga agaaaaacag agacgcaaga aaaaaataca 120  
 ctggcttcca aaaaaacgaa tgaacaggag aaacaagcaa gc 162

<210> 8659  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8659  
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 gttgatgatg tgcacaccat gtatcgtgtg aagggtgagag actttgggtga aatccgatat 180  
 catgggatga tcatccgtgc ctccacacac acagatggat ccatctggat atacaaccac 240  
 cg 242

<210> 8660  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<400> 8660  
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 tcaggctcga cacacgtgcc gtggacccaa gttcaccttt ggaggtgtca atccccccaa 180  
 gaagatgttg ctaacttgga gtttggggcc taggctttca tcagagtctt cccacagaa 240  
 agcgaaatgg gaatgggtcc ttaataagct acgggccttt gttcacagca 290

<210> 8661  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8661  
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 aaaaagaaaa attatgtgtg agattttttt ttaaagtggg ga 162

<210> 8662  
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 <212> DNA  
 <213> Homo sapiens

<400> 8662  
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 aagaatcagt ccagggtggat taacaatttt aatatgatag agaaaatata tatacttttag 120  
 aagatatagg aaaagtatgt gtagtctctt aggggtgggga ag 162

<210> 8663



<211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8663  
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 tttttatttg tttttggttc attttttatg gttatatagg ggggggggtg agagaaataa 180  
 cggagaacgt ggggtgagcaa gccggtgtta aaagatggga aaagagtgtg gggcaccaaa 240  
 aaccttggtc cctcaagt 258

<210> 8664  
 <211> 482  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) .. (482)  
 <223> n = A, C, T or G

<400> 8664  
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 aatggtttct tttgatctac aaactcagct atgcatttgg tgttgtgggt tacttggcga 180  
 tcatgtttac aatgtgtgga ttcaatctgt ttttcaaaat caaagctaga gattccatgg 240  
 attttggcat tgtgtctttg ttctacggcc tctactatgg agtaatgggg agagacttta 300  
 ccgagatctg ctcagactac atggccttca ctataggggt ctacagtgtc aggcggttgg 360  
 ctacaaggag cttatcggac aatatctggg ccagttgggg gcagaagatc attggggagc 420  
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 tt 482

<210> 8665  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8665  
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 tgaagaaaaa gagtaaggca aagaaagtat tgagatttat attttgatgg ggatgggttg 120  
 gaggggtgag gtgggaatta atttggaaag aaaaatagat gt 162

<210> 8666

<211> 578  
 <212> DNA  
 <213> Homo sapiens

<400> 8666  
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 cgtgaaattg aagaatttgg catgtaaaat gaataatact gtcttccccc aagaagttta 120  
 gcaccaaact ggctctggtg ctgagataag gaattccagg ccaggcttac atcgcaactc 180  
 agtcctcaaa agccctctcg tgcagaatga gaaggcacia gcatatatac ccattttggt 240  
 ttcaccttcc atctctctca atcaaatctt acttctcatt ttaggaagta tatagtccaa 300  
 aatgggcttt taattactct ttgattcttc cccccaccc tgcctttttc tttcctagca 360  
 aggaaatgac aatgagtgtg gcctatagac aagggttaatt acagatacac cagtgggctg 420  
 tgtcgcccag gataaggggg gagagctcaa agctggtcag tgtgtgtgct cctctctcca 480  
 cttagctgtc attccacctt gtgcttttct acttccctct tacaaggggc aacaggggag 540  
 ggggagcccc acggcacgtc caaggcatag gttaatga 578

<210> 8667  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(162)  
 <223> n = A, C, T or G

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 aaaaaaaaaa caaaaaaaaa caaaaaaaaa aaaccctatt tttaatggaa agggagctta 120  
 aaaaaaattt ttttaaggga gggaagaaag ggagaaaatt tt 162

<210> 8668  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8668  
 actttgtgat atctcatagg gcatactggt ctttcacat ttcgccccca ctttttgccc 60  
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 tgctccccaa tgtattccgt ggtagcaggt gatgtaacac ac 162

<210> 8669  
 <211> 210  
 <212> DNA

<213> Homo sapiens

<400> 8669

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gaattaaggg gatgaggtgg agaagtatga gaaggattat tatttttaat agaaaaaaga      180
aaaggaagag aaaagaggtg aggtgtgagg                                     210
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<210> 8670

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8670

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ggcacaatct cggctcactg ccacctccgc ctgacagggt caagcgattc tcctccctca      180
gcctcccaag gagctgggat tacagctgca agatacaaac cctgtcctca cttacgtaca      240
attcatctct gacatgaagc agtctcccg ggctccgcgt ctgttcgctc tgggattaaa      300
ttcgcgtagg cactggggag gcgggagctg ccttcgcaga tatttagcat atgaggatcg      360
aaggccagtg ggaaccgtga ggagacgcac aaccgtgggt tgggcccagg ggctggggg      420
gattgcgagg gggggtcagc tgccaagaag gccaaaaata gccggacggg tgggggggga      480
ggcgggcaag gagaagaagc tgggcaatgg cggctggtag ttctgggtgc ttctccggt      540
cccttcaacc ccacctccac cg                                     562
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<210> 8671

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8671

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ataatggatt caagccaaca aaggtgttca aaaaaattc aaaaaggaaa aaaggtcaaa      180
atttaaaaat aggggggaaa ttttcagttt gaaagggtaa aaggat                                     226
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<210> 8672

<211> 226

<212> DNA

<213> Homo sapiens

<400> 8672

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cctttttttt tttttttttt taaggatatg tttttattgc taccagaggg ttttatcttc      60
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agtatacatg cggtgactgg caatacctgt gttcagactg cagagggagc tcaggatgca 120  
gaagtcatgt taagaaacat aaggctgggg aggggggggg agtaagttct attagaaaat 180  
gccaatagct taacaaacct gaggtatta cattcagtta taccat 226

<210> 8673  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 8673  
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aaaaaaaaatt aaatggggta ttcattggttt tggaaaaaga gaaaaaaaaag ggaaggggaa 120  
caatcccata agggaacatt attctttggg ttaaataata ttaattatgg aaatgaaaaac 180  
taataacata acaagggaaa ttaaaaaaaaa taaattaaga aaaaggaaaa gagaagggga 240  
aaaggattct gaatatggga gaaatgtgtg ttatggaaaa agattcgggg ttcagggttaa 300  
tttcttgag aatttctggc tttgaagcgg ttaagtca 338

<210> 8674  
<211> 258  
<212> DNA  
<213> Homo sapiens

<400> 8674  
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tccgtataac gccatatgta tcttattgct gtatatagtg gcaaatagaa tagacaacaa 120  
gtgagaggta cgactaatag gggagaaaag gaacacatat gtgatagggtg atgagctctg 180  
acatctgatg aaatagggtga cgaacttcta ccatgaacaa aatgtgttgc ccacttcag 240  
ataggttcat catcttag 258

<210> 8675  
<211> 242  
<212> DNA  
<213> Homo sapiens

<400> 8675  
tgattgtgga gttattcaat atataaaaag ggatattcga gatgacttga atgagctgtc 60  
ttattattcg tgtactgaga tgaatgttca acgcataagt agtatatgag ttcatacaag 120  
tgatggctga agtgctgtca gcagctaata tggagagcga aaaggagtca gatggtgttt 180  
cgaggctgaa gagcatccga gttaatgggtg gtccctgcgcg ccagattcga attggaaata 240  
tc 242

<210> 8676  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 8676  
 ggggcctgac gccccaggatg ggagtttctg tgaaggcact ttcagataaa cattaatatt 60  
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 ttttaaaaag tcaccaggga taataagttc ggacagttac ggaaatatatt ttaccataca 180  
 aaataaaaag ataattcaaa aaatttctta tgggaattga cgtccagaat ttaggtccat 240  
 gttcactagc taaccactt agtaggggtg ggcgagcaca aactctacct tcccatttct 300  
 aggcctgttc ctccctcctt aaggggggaa taaatattaa cagggtggtg gtgaggttta 360  
 attgagataa agatttatct actaaaataa ctcaagtata ctttatgggt atagtcaa 418

<210> 8677  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8677  
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 atgaacattg atgcgcttaa aagtgaagat gcttacagaa taaatgaaga gcagctgtcc 180  
 ttctttcctc cttctagatg ttcattgctgt ggcattgctca gaggttcctg catggatagg 240  
 agatgggagc ggagtgat 258

<210> 8678  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8678  
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 gtattctggg gtatggcgta agtacagata atgcttcatc tcgaatgggtc gtttttatat 120  
 aatttttttt tttctcttat catcatgatt catttaacaa aatgtttcaa gcttactcag 180  
 gtatgctata gtgtactaca gatgaatgtt gggttaaata tagagg 226

<210> 8679  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8679  
 agcttttttt tttttttttt tttttttttt cttttttaagt tttcttttta aaacacacaa 60

aattcaat ttttttcctt ttttttgcaa cagaaaaaaa gaattgaaat tggacctccc 120  
 ccttagggaa actttttcctt ttggttaact tatttttaatt attgaaaata acacttatat 180  
 aaataacagg gaca 194

<210> 8680  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8680  
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 tgaccaagac tagtaggctg aattagaaat ttatgctgac tctatctaata aataattatg 120  
 ttgggtttatg tttatctcta ttaaatagtg cttttgggga at 162

<210> 8681  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8681  
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 cacagacctat tatcatcaaa cgctcataac tactgtgcta ttgagtggta actttgctga 120  
 tagggctgct caattcatgt atgatggaga taatgctcac gg 162

<210> 8682  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8682  
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 acatataaaa tggattgatg ggaagaaatg agaaacaggg taaagtataa aatggaagtg 120  
 gatcaagaat aaaaaaaaga gaattatgaa caaaaaagga aagaaatata tagtcgggat 180  
 tacaagaaag aaatgaagtc aaataaaaaa 210

<210> 8683  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8683  
 gattatggaa attgaagtta tttaggggtt tttaaattaa gggaagtgga ggtat tttttt 60  
 ttagggaaaa agaataattaa ttaaaaaaat agttgggttt tgtgtattta aaaagaatta 120  
 aaaaggaatg gttataatta atatttttatg gttagaaaag gtttagtggtt ggggtttttat 180  
 aaataaagtg tgga 194

<210> 8684  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8684  
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 gtctcccttc tcaattactc catgctttat ttagcattcc ctaaacgggtg aggagggcagc 120  
 ggctgttatg gtgtgggaca aaaccagcca ccgggagatg at 162

<210> 8685  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8685  
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 agcttagtgc taagagccta tgcgcgcaag agatatctca aattcatagt tagatgaaat 120  
 gcgaggaatg tgctgctatg attgacaaga ggagtagaaa tgatgtactc atcctcttct 180  
 acacgacata atgcaaaata ggatgacata gattgtggga atggat 226

<210> 8686  
 <211> 546  
 <212> DNA  
 <213> Homo sapiens

<400> 8686  
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 gtccgaggag ggtaatagtt gatcagagga cattgaaaat gaatcttgct gcttcatgggt 120  
 atattaatat ctgaatagtc agacaactgt aatattatgg aataaacaca tcgtcaaata 180  
 tatcattaat atcataagga taggtacaca tggaacgtta tgtacctcg acgataactga 240  
 ctgttatcac tattgtatcc ggagacgtgt gcgcgtcgac catatctgag agcgcgggacg 300  
 gtgtaggatg catatgtaga ctatgctata ttgtcgtcta catagttgga catattcatg 360  
 gtcatagctg tcttctgtgt gatattgtta tctgttcact atatcactcg acatacgagt 420  
 cgtaatcata gagtgtgtgt tgtgaggtgt ctactgagt agctaactca catatatggc 480  
 gtggcgctct ctgctggctt gcctgtcgtg actcctgac tgagccagct gcattaatga 540  
 gtcgtc 546

<210> 8687  
 <211> 562  
 <212> DNA  
 <213> Homo sapiens

<400> 8687  
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 gttcagcacc atgatcactc tcatcaacga tgtttattga gaggatgggt gtccacctta 120  
 tacagggtca tggacctata ataacgcttt ccaattctac acatacgtgt agacgaggta 180  
 gtctatatac tcagaacatc tagcctgctc tgtatctaca gtgcatgagt aagtatatgt 240  
 atatgtatga catagaattc catatcgaag aggtcgtgca agtacactgg tgctgatgct 300  
 gtggtgctcg aggaatatcg gctgctaata cacgtatatc tattgaattg tatcagatga 360  
 tatgtcacat cagttgtgat catcactgtc gtaggaatgt tagatagaat attatatgtc 420  
 atctctctat gactaggctt gtactcctgg tgcataggat actgctgtgt gtggtagctg 480  
 tccgtgcgga cgctcgacat cactagagaa tgcacggata gagtgtaagt cgagcagatg 540  
 gtagagatct gagcgcagtg ag 562

<210> 8688  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 8688  
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 ggggttctcgc taggtttaat tgtactgcaa cgtatcagag caggcgccac tagtcttaga 120  
 gagccagagc gtcactctgtt gtagccactc ggctcagacg tggttgtgtg gaagcgactg 180  
 tggatgacac acaaagtgtg cagtgtgtg ttcctatgta actttattta tggatcttga 240  
 attttgaata tatactgtac ctgaccgggc ggccgttcga catgactact gaattcgctg 300  
 gggagtgtag gtcgactata tgtgagagtt agaaacgcgt tggatgaata atcgagtgtg 360  
 tgatagtgat ggctatatac cgtggagtac tcatggtagt ag 402

<210> 8689  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8689  
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 attaaaaaaa tagggcattg caataattaa aatcgtttga acaaaaaaaaa aaatgggact 120  
 ctgattaaac tgcattacag cctggaggac accttgggcc agctgggcgt taaccaagat 180  
 ttcacgggcc gcc 194

<210> 8690  
 <211> 194



<212> DNA  
 <213> Homo sapiens

<400> 8690  
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 aagatctctt agagagagct gtgtaattat tcatctatat atttttacta actaacgtga 120  
 aagaaaggat gctggatgag cttgttctga gagtatctac ttgaggctgg gatgatactc 180  
 caagggttga tgag 194

<210> 8691  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8691  
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 aaggaacaga agactagaaa agaagtaaaa actttgatga agagaggggt gtaagaacag 120  
 gatcaagaca cattaatgcc taataccaac aacgagcagt gg 162

<210> 8692  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8692  
 aaagaagata caagctgacc tgaataaaat ttgtgcagga ggcgaagaaa ataagggat 60  
 aattatttgg agaccatggg aacacgcaaa cattatgcag aaatctatgt tgtggataaa 120  
 agtataaatg attatgatgt taaaaaaatg gggattgaac ataaaggaca agtgtgtgtg 180  
 atgaaccaca gaggaagtaa aagcttaagc catgaaatta ctaaaa 226

<210> 8693  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, C, T or G

<400> 8693  
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 atgtaggcag taaatattat ttaaaaaatg ggatagtata ctgtgaagtt ggttgggtcta 180  
 gaaataccag ttcc 194

<210> 8694  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8694  
 cacctgccga ttgcctatgc ccatgtgcct gcccttccgg gggaacaagg ggtcgggtggg 60  
 ggatgacggc gatggaacgg acgcacagaa cgctagccga tgatcataac atcgttgatg 120  
 agaaaaatga tatgcatgac aggagtagag gttggcgatt gtattaggat cattgagatc 180  
 aaaccacatc acccatgtgc cacactgcc a gactcataa aggggtgttg tatgtggatg 240  
 gt 242

<210> 8695  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 8695  
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 ggaaatttat gtgaatacct ggtgaccttc cttgactttc caggtttcct gatgtcattc 180  
 attgattatg ttctccttca ttatttttat actaacttaa aaattgagta tttggagaag 240  
 gttttatagt atttattgat gaatatattt agcatatcaa aatttttggg tttaaaaact 300  
 gagtaatatt aaagactata agcaaacaaa atttatagaa ccggtcatta agtaattgct 360  
 taaaacatgg agccattac tctaaccttt ataaaaatta ac 402

<210> 8696  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 8696  
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 aaaacacaca aaatcaaaga gttatccatg gatttgcaac agcagagaaa cagtgacaag 120  
 agagaccatc acccataagg gggaacactt atccctttgg cgttaactta atataaaaata 180  
 attgggaaat gatcacccta aatatcaata gacacgggca cataaaaaaa aagattaaaa 240  
 ttaaagaaaa agggaccagg aaactggcgg gaga 274

<210> 8697  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<400> 8697  
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 gcaaaaagaa cacaatgttg aaaacttagt atgaatgtga acctcactag atgttcaaat 120  
 ctggtagagt gcaaattttg ttcatactat tttacatttt taaaaactca aatcactttg 180  
 gtcatatat tttctataaa ctattggcaa aaaaatcctc aaattttacat tcttttggtt 240  
 acattatttc taacagatat agatttactt ccggtttcgg agagaaagac ttattgtgtg 300  
 tgcgtgatca agtctgtttt aaagattcac tcgctgcttt catctaataa cttctgggtt 360  
 ttcataaaat gctgacatct tcattggaaa tttttttcat gtaactgggt tcattttcag 420  
 aaaatatata aggggggtcat tccaaagttc agaatgatcc tattttttta aaaaacaaaa 480  
 ttctgtaaa acaaatatac tccaggaact taaaatttac tccaagacat ttccctcaaa 540  
 acaaagcaaa aaaccccagc aaagatcggc acatcacaaa aacaacaca aagaccagcg 600  
 ctcacaggca agttcctctt agcttcatt ctgctgactg ggggcttcca tttaaaaaga 660  
 ggcttttaat caagccactt tcacagaatt taaaacaaaa caaacacatg ttaattgcaa 720  
 aaaacaaaaa aggaaaatta ttagaaaaaa agaacaaaac ccaaaaaacg 770

<210> 8698  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8698  
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 ttaaataaag aaggaaccag cgggtgaagg cccccgccc cccacagact aggtcggc 178

<210> 8699  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8699  
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 tgattacagg tcaatattca ggtgagcatt ctttattaat ttatcaaag aaaagctttt 120  
 tgctacctct gccattcatg aaagacagct atggaaaaaa ggaacctggg accaatat 178

<210> 8700  
 <211> 370  
 <212> DNA  
 <213> Homo sapiens

<400> 8700  
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ctaaagttta tatgttaatg aatatcaata tatatatggg gtatatataa ttacactaat	180
cagtgcacaga agcacttata atagcgactt ctgagtaatg aagaagagaa atgatgaata	240
tatgtattat ctatagggcc tatatacggg gactgcctca ctatgatcct atgggttgtg	300
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tgccctaagca	370

<210> 8701  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 8701	
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tggaatgtac gaggtttttc aattaggaat caaaaaagaa acgaggagac ttcgaaaagc	120
tgactaatta ttagggaact gacttggatg ctgtaagcaa agctatacat gatctgatac	180
aagagatggg cggactggcg ttagcatgt	209

<210> 8702  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8702	
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ctgtgagtgg atttcacttg atgataccat gaagactgat ttatgatgtg atactatcca	120
ttcttctgtc ggtatgaagt tatgcatgac aaaatgatgg agtgcttaaa tgggatgtca	180
tatggacaaa gaccgtgtga agtgaccctg atgatagcat atcatttcag gataactaat	240
gactggcagg ttgcaaggat tgttgacgac tgggactgga catgcgcgga taggtgattg	300
ctcacggaca tgctcgagaa aa	322

<210> 8703  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<400> 8703	
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agtcaaaaac caaaactatt gtggagccac cgaggaaaag gcagacaaag accaaaaata	180
tagtggagcc accaaggaaa aggcagacaa agaccaaaaa tatagtggag ccaactgagga	240

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 caaagaagaa acccggtgca gcaaaagttg aaaaacgcaa gactaggact cctaaatgca 360  
 aagtccctgg atgtttcttg caagaccttg aaaagtcaaa gaaatactct ggaaaaaatt 420  
 taaagcgaaa taaggatgaa ttgggttcaga gaatctacga cctgtttaac agatccgtct 480  
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 gtggcttatg cagcactggg gaggagaggg gggcccg 578

<210> 8704  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8704  
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 agggagagga atcggactgg ggaggtagag gacaatgaca acgagaacat cagctcctgc 240  
 tcacaggcgg ctgtggttaag caaagaaggc caogctgtac gcactgtacc ctgcgagcag 300  
 ggagtcctgc aggggcggcc tgggcgggtct actcatgaat ctgaggtcga ttgt 354

<210> 8705  
 <211> 226  
 <212> DNA  
 <213> Homo sapiens

<400> 8705  
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 atactagggg tagaaataga tgaagaaggg acggaacaa ttacta 226

<210> 8706  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<400> 8706  
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 acagatggac agaccacca gaggaatgag gaggctgcaa tggtaagag agtatccgga 180  
 acgatccagg gcgaagaaac gccggctatg catctgcatt ggagtggcac aggggtcaca 240

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ttgcatgcga gagacggtga gcgtggggag aaataagatc gccgtactgg aaagatgctg      300
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tagtccatgt gagctgagta gttaatcaga ctaggcacat cggggctgca actgctgtgc      420
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gccctgataa agaaagga                                          498

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<210> 8707
<211> 226
<212> DNA
<213> Homo sapiens

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<400> 8707
tgtacacggg ggtgtcttgc gcatgtccat cgggaggtag ggggactggg tggtagcgcg      60
agttatacac gatgaaggcg aactggacac gttaatgtgc ttggaccca tgccgatcgc      120
gacatacggg ctagctggag gagggaaacg gcatgatggg ggcaggatga aggggcaaaa      180
ataggggcgt ggtgagcaga aaataactgc tggccttatt ttatgt                      226

```

```

<210> 8708
<211> 498
<212> DNA
<213> Homo sapiens

```

```

<400> 8708
tttttttttt tttttttttt tttttttttt gggtttgaac ctttaataaa agtaaaaaat      60
gaatggaaaa agaacacaat ggtgaaaact tagtatgaat gtgaacctca ctagatgttc      120
aaatctggta gagtgcaaat tttggtcata ctattttaca tttttacaaa ctcaaatac      180
tttgggtcat atattttcta taaactattg gcaaaaaaat cctcaaattt acattctttt      240
ggctacatta tttctaacag atatagattt acttccggtt tcggagagaa agacttattg      300
tgtgtgcgtg atcaagtctg gtttaaagat tctctcgtc ctttcatcta ataacttctg      360
gtttttcata aaatgctgac atgttcaatg gaaatttttg tcaaggaact ggtttcattt      420
tcagaaaata tataaagggg gcaatccaaa gttcagaaag atgctattgt tttaaaaaac      480
aaaaatcctg taaaaaca                                          498

```

```

<210> 8709
<211> 162
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)..(162)
<223> n = A, C, T or G

```

<400> 8709  
 cgagagatga cgttccaaga catctgagca ncccgcgggg ctatacaacc atgtaaccaa 60  
 agcctcaccc cttcccgag ttggaaaaaa atttatggaa caagaaaagt tatcatttga 120  
 aatttaaaag ggtgggcaga acattggtcc caaggaaata tt 162

<210> 8710  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(194)  
 <223> n = A, C, T or G

<400> 8710  
 tgaagactag ataggagtgg naagactgga cgtatgctct gaaggagcat aggagacata 60  
 agtaaaagcg ggcagtaaac tgtcgtctga tgattatgag accatgggaa aaagcatgag 120  
 acaggtaaaa catagtaatg ggcattgttac aagccactga cgtatgcctg cactattgta 180  
 cagcaccttt cacc 194

<210> 8711  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8711  
 tctttttgtt ttatttatgt tgtattgtaa gatgtcaaag agtaatacgc aaggcacaaa 60  
 agatcatatt gttagcttgt atggttgaca gagacagtga atattatcaa ggaaacatca 120  
 catctgaagg acttagcatt gcaacacaca atttataaga ac 162

<210> 8712  
 <211> 210  
 <212> DNA  
 <213> Homo sapiens

<400> 8712  
 gctggtgtgt tatttatattg tggtagcttt agaggaaaga acggtaggga gccatatatg 60  
 acgaagaggg taagaaggca catgtagtaa gaagaataac aagtgcacgc ccacagtggg 120  
 tcagtggcgc aagataacgc gagatcatta actgacatgg taacaatctg gtacatatca 180  
 ctgtgtatac atggagagaa actgacgtga 210

<210> 8713  
 <211> 178

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8713

```

cggttggtgct gttattttta tttttgtgta ttttaagaat gcaaatatct gttaaagcga      60
gcaatatatg atcaaagaag gcgaacgaat ggtaggggca ggaggtagaa tcaacaagga      120
ccactgccac ttgggggatca gtggcgcaag gtaacggagc tagattaacc tgatatgg      178

```

&lt;210&gt; 8714

&lt;211&gt; 194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8714

```

ggtagggcggtt tttttcttta atgttaggtt taagaggaaa gtagctggga tagaaggcat      60
gcataatata gaaggctatg aatgctatgg caagaagaag ggataatacg tgcgcgtgcc      120
acatgggtgt taggggtaga agataaccgt gagcagaact gtatgggata gttgggtccat      180
agtctgctta ttag                                           194

```

&lt;210&gt; 8715

&lt;211&gt; 514

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8715

```

caagcccccg ccgcaccac ctccaccccc ccccaaaagg aaaaacaaca aggaagaacg      60
taccacggca gggccaccac aaaaggggag catcaaccga gccacgagc gggcaaaggg      120
aaacgagcgg ggcgggggga gacggacagg gcgccagaca caccaccagc agagcacagc      180
agacggggccg aagccggggc cggggggccg cctggacacg cccccgggc gcaggacccc      240
ccgcccattgc ccccgacccc gcccgccacc cacgcggccg gcggaccagc acagaccccc      300
aggccacggc ggggaacaaa accagcacia cccccgagga ggcagacca caccaccgcc      360
cccaaggagc cccccggca ggcgccggcc ccgaccccg ccaaccggcag cccgcgggca      420
gcgagggtcc aacaggcccc ccacgcgcac accaccccc tacaccccc accaagcacg      480
cagcgaaaaa acacacgcca agggagggca agcc                                           514

```

&lt;210&gt; 8716

&lt;211&gt; 306

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8716

```

ccctttcttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt      60
ttaaaataaa attaaaaacc aatgaaattt attgggttac aggaataaac cgggcacaaa      120

```



atggttgaaa aaggggttaa aacaagttta cattaataat acaacaact acggggggtg 180  
 acaaatgttg aagcgggggg tacttaaaaa aacggcatcg aaaaacaaac cactaaaaat 240  
 tcgcgaaatc aaaaaataa cttctttctt ctttaaaaaa ggaggggggaa gaagtcgttg 300  
 ggttat 306

<210> 8717  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8717  
 aggtaacaag gctctttttt tttctttttt tttttttttt tttttaccg tttaaaaata 60  
 acatttttta ttatttcccc aggcccgatc cacagccctg aaacaaaagc attctgatac 120  
 acatttgtca gtgctggggg gtttggttgc catgactgcc tacacaggcg cgatgaacag 180  
 ccaccccggtg ttgg 194

<210> 8718  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 8718  
 tgggcaaact gactggtgat ggcaagagtg gtgtctatga agacggacta cacagcatgg 60  
 cacatacaat aaacactgcg agactctatg cgattacctg gctactacac acatttatac 120  
 ccaacataac ttcatgaatt gatgccacca tgtgcaataa actgcgccgt ctggtgctca 180  
 gaggaacacc aggcgctgca acctgcagct ctatcaggac gccagactc cgccattagg 240  
 gg 242

<210> 8719  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8719  
 tgctatcaca aatattctac ttgtaactat tcaactgcat cgctgacata acatgggttg 60  
 acgattggga taatggcact aagcactagg tgtagatatg attatgacta taatacatgg 120  
 gtaaagggtg tgataataaa acaaactcta ccatactaga tacactgagt caatgtatat 180  
 ataattgtggg atacgataat gaactcacia ctaatatggc agggacacat atatgaaaca 240  
 caatatatcc tgtatttgcg atataagcat cattataaga tcataagtag attgtgcgaa 300  
 gaatcctatg tatgccggac tgttttatcc tgaccaacc catatgactt gtcccagttg 360  
 atccggggaga agagatatga atgacatgta gccggactga gcctacacag ttacaccccc 420

gatatgaagg gaacgaaaat acatcttatt gcataagctc cagcag 466

<210> 8720

<211> 450

<212> DNA

<213> Homo sapiens

<400> 8720

tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60

tttttttttt tttttattta aaagttttat tataaaaaca cagggaataa aggggggaat 120

ccaggttttg ggaacagaaa aaaaaaaggg aaaggggacc ctcccatag gggacactta 180

tccttggggt aaactaaaaa aaaaaaggga aaaaacacca aaaacaaaaa aaaagaccaa 240

aaaaaaaata aatttaaaaa aaaaaacagg aacgggggga gggagaccgg ggtagggggg 300

aaaagggggc aagggaaaaa catcaaggct aggggggcct cccctgaaaa attgcgggct 360

tggggaagtc aaggtcgtg gcagggacaa acccgtgccc ggcccgcggg ggggagggga 420

ggggaagggg gggggggggc ggggtgaggg 450

<210> 8721

<211> 210

<212> DNA

<213> Homo sapiens

<400> 8721

tgcaaatgaa tgaaaatggt ttaaaataga cacaagacat gggccaacat acgttctact 60

gacgatgcag aggaactggg accctaccca gctggactgg gaatgggagg ggtgccgcca 120

tgctggaaag tggcgcggga gtggcttagg atgccaagta catccttacc atgacataca 180

ccaacgccac tgatgagatg tgcacgaagg 210

<210> 8722

<211> 354

<212> DNA

<213> Homo sapiens

<400> 8722

acaagctttt tttttttttt tttttttttt ttgtctcaca tttaattttt attttgattt 60

tttttaatgg tgcacaacac aatatttatt tcatttggtt cttttatttc attttatttg 120

tttggtgctg gtggtttatt tattttttact gaaagtgaga gggaactttt gggggctttt 180

ttcctttttc tgtaggccgg cttaagcttt ctaaatttgg aacatctaag caagctgaag 240

gggaaagggg ggttcgcaaa aacactcggg ggaagggaaa gggggctttg ttaatcatgc 300

cctatggggg gtgagtaact gggtggggcc tgccgggggg gcgggggggg gcgg 354

<210> 8723

<211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8723  
 gttggccccg taggttacta gtctagtgtc ttcagtatgt aactactgtg acctcatgct 60  
 ggtcaagggt ctaagtttaa ctagcaacta tgtattccag taaaatcaga tgtaaagtat 120  
 actacttttg tactaggtac ctaagtaggt cactttcact tg 162

<210> 8724  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

<400> 8724  
 gctgcagtga catgagacag aacagcgcg agggcgccac aaaagcagcg gacaagaaag 60  
 ccgcaggagc aggcaaggcc accaagccag ccagaaaagc ccagaaggcc aaacgaacac 120  
 caccctaaac accagccacc ccacacacaa acagcggagg aagaacggtc tcagaaccgc 180  
 aagcatcaac cggccatata agaagagcag caaaagacag gacaacgaca acaacgcac 240  
 gcaaaacccc cagaaggaaa ggagaacgcc gcgaggacca ccccggaac cccactcgcg 300  
 tgcggcagca taaagccaca agtaaccaa accagtacgc tgcggggact gcaa 354

<210> 8725  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<400> 8725  
 ctggtctttg tgtatggttt tgtgatgtaa cgatctttgc tggggttttt tgctttggtg 60  
 tgagggaaat gtcttgaggt aaatgttaag ttcttgaggt taatgtgttt tacaggaatt 120  
 ttgtttttta aaaaaatagg atcattctga actttggaat gacccctta tatatgatct 180  
 gaaaatgaaa acagttacat gaaaaaata tccaatgaag atgtcagcat tttatgaaaa 240  
 accaaaagtt attagatgaa agcagcgagt gaatctttta aacagacttg atcacgcaca 300  
 cacaataagt cttctctccc gaaaccggaa gtgaatctat atctggtaga aataatgtag 360  
 ccaaaagaat gtataattga ggattttttt gccaatagtt tatagaaaat atatgaacca 420  
 aagtgatatg agtttgtaaa aatgtaaaat agtatgaaca aaatttgcac tctaccacat 480  
 ttgaacatct agtgaggggc acattcatat taaggtgtga acaatgtgtg tctttttgca 540  
 ctcatTTTTT acgtttttatt aaaagagcaa aaaacaaa 578

<210> 8726  
 <211> 498  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(498)

<223> n = A, C, T or G

<400> 8726

```
ctgatattgt gtagacgaaa agatgatctg caagatgata aagatctgga atatggccat      60
aaactgtaga anggtggtga agctgtcatt gctgatgatg ctgccgtcga gcacatgggt      120
gctgacgagc ccatatacta tgcaaccttg tgacactatg cagcttcgga tatgatacat      180
acacgtgatg tgagagacac aaaagcagtg gacgagatag cagcagggag acggcaaggc      240
tgccggatct ggccaggaca ccaagaatgc tcaaagaaca ttatacgcta tacgaatcac      300
atcactaata accaccggcg gaataacagt cacaggagtg agaactgcaa tagaacagtt      360
aggttcaata ggccaatata ggttaatgat aacaaagcgt cgtatgacca caatacagaa      420
aagaaaatgc ataatgaaac gataatgttt tgtggaccac gtgtggtagc tttaatgcat      480
gaggcagtaa tatcagat                                     498
```

<210> 8727

<211> 162

<212> DNA

<213> Homo sapiens

<400> 8727

```
aatgctcaac gcattacatt acatgaactc acccatgtga tggtagtaac tgttcttcat      60
cactaaaaca tggaagcgaa aaatgagtca gatgctgttt cgaggctcga acaccatccc      120
agcaatggta gccctgcctg caatcttcga ctttaatacc ca                               162
```

<210> 8728

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8728

```
gtagagtagg acagagacaa gaaaaatata atgcacacac acattggatg gttgtacttg      60
caaactagct aataacacta gggaagaaca aaggatccaa aagcaggtgg agagcataaa      120
agaacacatg aatgggaagt cctgcaagag ctacatgaat atacgagatg actctataaa      180
agctgactaa tcattatgta tatgactgga atgatcaaca cacagaacta catgaaactc      240
atccattgta ggctgatc                                     258
```

<210> 8729

<211> 194

<212> DNA

<213> Homo sapiens

<400> 8729

```

atggatgtta attgaataat gatggtaaaa gggtagatta ttggttgtat tttgattgat      60
gttataatga ggaggtttgt ggataggagt gaataaagtg attggatgag tgggcgaaat      120
attatgagtt gatgatggga tatatggagg atggggataa gtggagagga gaagatggga      180
aagtggaggg aaaa                                         194

```

<210> 8730

<211> 402

<212> DNA

<213> Homo sapiens

<400> 8730

```

gtgcaccgag acgcgcggag gcagaggctc ggggtgcgtgc aagacacaac tacaccggta      60
gcaccaccga catgagccga agaaggcatc gtgactggac gtgtaaggga ggtaaact      120
gcgtccacaa gaggatgtga aaactgcact aaaacacaga tggcacgacc acgtgaaata      180
agatatgatg acggacactt atacaagcga caatggcaac tccgtgtact agcatcgaag      240
tgaggaagag acgtatgtat gaacaagaca gtgctggtag gacggactga gactgaacag      300
acactatcat actatctcca agggcgatga cgacaagaaa caggggagaat gagatatgac      360
ttagttaact ggacagaagg gggaaaacaa gtatatggctc gg                                402

```

<210> 8731

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(498)

<223> n = A, C, G or T

<400> 8731

```

tacactaaat acaaagtgac aagggtgtct gtgtgctatg ctactacaa caaacccctc      60
acctaaaaaa caaatggaag aaaaagagaa acagctgcaa atagttaaaa gcactatagt      120
aacacataac aaaatgtgag agatgagaga atagaaagag tagaaaatat aactacttgc      180
tgtgaaccta tggtagttac gctctgtcag tctgtagcat acataccata ccatataaac      240
acagcacaag agtaagacaa caacacatgg tgaagctaga ctatgtgcag gatacatgat      300
gcgtgataac atctgcaaca tgagacaaac gtagaagaga actgaggcaa taaataaaag      360
tgatacctat agaaggatac agtgatataa cgttgggaca ctgggtggaa gcgcggggata      420
ggagcgggtat gtgcatcact gctgagcaca ctaatatgaa tgtagtaaat ggaccacgtc      480

```

cagggtagat gactgnag

498

&lt;210&gt; 8732

&lt;211&gt; 178

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8732

ctgtagttta agatgttaga caccagactc tcacgcttga tccaaacatc tttactcaac 60

cacacaacaa atgaggtaat atctgtgtgt aagtttcacc ttttgtcatt taccttctcc 120

tctcggtaaa aatgtaaaga aaaaagtgtat tatgcttctc cttgctccac tgtaaata 178

&lt;210&gt; 8733

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8733

tggtatatta gtgatagata tctattatag attgtgaatc aaaattatga atcttcagat 60

tgatgtgggt gtcgtgaata tggttcagaa gatgtcgata agtagtagga ctgcaagttt 120

aggttactta tgctaggact gatgtttgtt tgaatatattg taagtgtctg gttattgaaa 180

gtgattgcct ttaatccaag acttatagt 210

&lt;210&gt; 8734

&lt;211&gt; 338

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8734

aggtagttta tgaatatgcc agaaatatgt tacataagca attataagac gtgcaagtat 60

ggaatggatt acctcgtctc cgctcaaaaa cactgatctc tgaaggaaga tggatttata 120

tgtggatatg caagtctgat cataagggtc attgtgagat gatggggaac atgtaactta 180

gttatagagc taagaggagt tattgtgcag tgtggagtac tcaagctttc ttatctagat 240

gtactcagtc atctggctac ctcggtgcgt gaaccaatct aattattaat ggattagcgg 300

ccgtctggag gtcgatacata taggagaagt ccgtgcgc 338

&lt;210&gt; 8735

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 8735

ggcccgggg caagggtacct aattttggct ttcattggatt tacatttttt taagggggcg 60

tttaagggtga atttattgtt atttaataat gtcctggaga taactttggg gtataagatt 120

ccaattttta tgtaattacc tactattatt tttgtgttgt cgttttgcaa agaaagataa 180

tgattcctgg gggcttgggg aaatattaat 210

<210> 8736

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8736

tacagctttt tttttttttt tttttttttt tggttttaag ttttattatt gaaaaaacia 60

aaattcaatg gtttattcat gtttttggca aaagaaaaaa acaggggacg ggggaccttc 120

ccctaaggga aaattattct ttgggttaaa ttatattaat tatgggaatt gaaacttatt 180

aaattaaccg ggaaattaaa aagaattaat taagaaaaag ggaaaggaac gggggggaag 240

gggtcttgat ttgtggga 258

<210> 8737

<211> 370

<212> DNA

<213> Homo sapiens

<400> 8737

gtatacgtgt attatttggt tttgttttgt tctgtgggaa tgaagaaata ttttagtaaa 60

gtgtggggag cgggatgatg ttcaatctca caacttttgg aaatgcttct tgggtgctgtc 120

agccgttggt gatctttatc ttattttaa gactgtatt gtgcagaggt ctggtctcgc 180

gtgttggtgac cattatttat atctggatat ccctaagata ggtggacagg tgtgcgtgtg 240

gtggcggtcg ctctatctct gttgtggatt atacgtcgga tgcagatgag atatatgggt 300

gtgctcataa tgcgttggtat gcataacatg agtattatat aatgtaaaca aaatagcttg 360

gggtcggtat 370

<210> 8738

<211> 386

<212> DNA

<213> Homo sapiens

<400> 8738

actgcacact gatctgtaac tcatcgcatg ttgttatttt gttttatctt cataccaggt 60

catattatct ttatgaacag actggtgtat ctactaaaaa atatatttat ttctgagagc 120

tatgtttttg gctgggagga gtgatatctc ttcatactta aatgttttat tatatgctta 180

attattgtat tctgggtggt tggttgtatg tacttgctgc gaggtggtgc tgagatgtca 240

ctactgggtg cgccgctgca tgtcagtcga acatatggga gagcttgcaa gtcgtcggtt 300

ggatagctct actattctat agtgtgaata taatagctgt ctataatcgt ggtcttaatt 360

gtttgctggt gtgatattgt tttcct 386

<210> 8739  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<400> 8739  
 tggcgccctcg ggtagtgatc catgagaaaag ccatgtcagt tcgaacgata gatcggttaag 60  
 actcatgaga gaaactgacg agtttaaatct gaatctccta gttcttttga gatggagatg 120  
 aatcgtgaat acagctgaga tctagtagat attattaggt agcaaatgaa attgtagttg 180  
 gtgggtggtg gaatgctata ataatctttg ttctccgtgt ctcagttgaa atctttacac 240  
 aaattataag gctgggtg 258

<210> 8740  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8740  
 aggtaggagc attgtgccca ttatttctta tggtcgatag agggttcagg ggggtgctaata 60  
 acggtatata ccggccgat cttcatgatg gctaaggaaa gttatttgag gaatatcgag 120  
 catgaacgtg tgttttgttg gggagatact gtaccattga gtgtatttta ctgacgcggc 180  
 tgtgttctga tgaaagtggg tgggtattta cgtcttgga aagtgtttgt ctttcaatct 240  
 gatgtgttgc cagctcatat gtgcgagggt ttgtgctatg tgttcattat cagaatgggg 300  
 gtttccatat gccatatctg acgtgggtggc ctgtctatat caatgaatgt gtcgcagctg 360  
 aatgacacgt tgaaaatatt ggagag 386

<210> 8741  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8741  
 aaatgtttga tctgttattg aattgatctg tacagagtca tgatattttt ttgggtatgta 60  
 tgagtaacat gaatgcttct gtatgaaaca gttgttatat atactctaga tttatatact 120  
 aacattcttg tttggctatt tatgtgatat tgatgggtgtt atatattata gtattatgtg 180  
 ttcatccat aaattttatg aatataaatt cattgatttc tgtcttctat ggtgatgggtg 240  
 ggtgactagt gtttggatgg agtctaatat taaatgattg tagcgattga ttatgtatgg 300  
 aattaatatc tatctcatat aagacgcaaa aaaaacaagg aaagaataat accaaatgta 360  
 gtggaggaag agggagggaa cgaaag 386



<210> 8742  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 8742  
 gtacaagctt tttttttttt tttttttttt ttggttttaa atttttttat taaaaaaaaa 60  
 aaaattcaat ttttttatca atttttttgc aacatataaa aatcatggac gttgaaccat 120  
 cccaataggg aaatcttttc tttgggttaa attattttta ttatgggaaa tgatatttat 180  
 tacaataaca aggaatttaa aaaaatataa ttaaaaaaaaaa gggataggaa ttgggggaaag 240  
 gattctttat tttggaggaa ttgtgtctct tgtaaaagca tccgggttca ggcaaccttc 300  
 cttgaaaatt tcttgtttct aa 322

<210> 8743  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 8743  
 taggtatcgt gtgtggcgct gacgtcctcc tctgaagcat gggatctctg atttgctagg 60  
 tcctggttgc ttcagttgcc tgattagtct ccgaggccgt gttagcagtc agtagatgtc 120  
 cgtactagat cctgtgaggt aggggtggtg gtactgggag atgagtagat agagatgcca 180  
 gtaacatggt gtcttcctaa acaagagagg tcgggaggta tgtgtgtggg ggaagtgagg 240  
 agtgggtcca gaaatatgtc agagagctgg tgttgagtga ctgatgggta taaagatgta 300  
 ggtgtaagac tcagggtgtc agtggggagg agcacgagcc tgagctcgtg gggagcatga 360  
 cgtgatgatc gtcgtaggag acgtta 386

<210> 8744  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<400> 8744  
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 tatcatatat agataatttg aacatatgat ttactatcca ttgtgggttg atgtatagat 120  
 tgtcaactta tatttggaa gtaataagta tgtattcttc tgttaatgct atgttctcct 180  
 ggtgttcac tgacacatgg aatttgtgtc tgatgtgcca ttagagcggg gtctcatatt 240  
 gtccgcatat cttgatcgag gtagtgaatt ggatcgtatc ttttgattta taagtgttca 300  
 ttgtatgatt ctgtgagtta tacataccac ggatgggatg ttgcttatgt tggctgccta 360  
 tttgggtctgt gagattgagc gtttttatca catacatttg cctaatttgt cataatacaa 420  
 tggattagat gacacctctg tcgcgaacat tcttatctgt attgtattcg tggtggaactt 480

cacgtcgaat atgtgggaga ttcctatcg cgatgagatg tgtagcttga tgttgctata 540  
gcggtcctta aatggctcga cgatcatcatt atcatgggtg tttccagggt gtag 594

<210> 8745  
<211> 514  
<212> DNA  
<213> Homo sapiens

<400> 8745  
gcaggtagctg attatggagt caatgaatat atggaagggt cattcatgat atatgatgta 60  
ggatggtagt ttttcatatg gatcaacgta gaatcattca agttatgtat ggtatgctgt 120  
gtatacaatg gctcatatag tgagatgata tctataaatg tatatgctga ataataattac 180  
tttatgtttt tatgtacatt gtttgattag gtgaaataag tacataacgc atgggatctt 240  
gcgtaggtcg gctgtctaga tggactctga cataaagtct tgttttcgga tagcatagat 300  
tgattagtgg catctaatag gattatctga gacagtcagg ggatatagga ttcataaatc 360  
atacttgtag ctagtcatat gcatgcttat ctacacaaaa gtagatatta tatatactta 420  
tctgattgat gagatctctc atatctctcc catatttatt atgttggtata tcaatttatg 480  
gattttttatc tggaatttga agatagcacg ttcg 514

<210> 8746  
<211> 306  
<212> DNA  
<213> Homo sapiens

<400> 8746  
agtgattatg gaaacatgaa gctattttaag ggtttattac ccctaaagga atggaaaagta 60  
atctataata tggataaaaag acattttatta aaaaaataa ttgttgctctg tgtatagaaa 120  
agcagcttac aatgaatatg ttatcaataa atatctatgc ttagaaagtg caaccttctt 180  
ggctttataa acaaaaagtg ggcattgggt atcctttgat aacttacggc caggggggttc 240  
attaggaaat ccaccccatc atgatggaag tttggcggcc ccattctccg ttatgggttaa 300  
aaaaaa 306

<210> 8747  
<211> 430  
<212> DNA  
<213> Homo sapiens

<400> 8747  
aggagttcat cagcgtcag tctgtggtgt ttgtggccat tgccttcac accatgatga 60  
ttatctcgtt agcctggcta atattttact atatacagcg ttctctatat actggctctc 120  
agattggaag tcagagccat agaaaagaaa ctaagaaagt tattggccag cttctacttc 180

atactgtaaa gcatggagaa aagggaattg atgttgatgc tgaaaattgt gcagtgtgta 240  
 ttgaaaattt caaagtaaag gatattatta gaattctgcc aatgcagcat atttttcata 300  
 gaatatgcat tgacccatgg cttgtggatc accgaacatg tccaatgtgt aaacttgatg 360  
 tcatcaaagc ctaggatat gggggagagc ctggggatgt acctcggccg gcgacacgct 420  
 aatgactagt 430

<210> 8748  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 8748  
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 gcatacatta aatgtaactt gttttttgtc ctctccatt atacataatg gagtgatgat 120  
 atactgaatg tgtgggaaga ataatgaaag agattgaatt tctacatcta gtgcatca 178

<210> 8749  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8749  
 tactaataat ggtgttggct tagctatgat ggattcaaca tgaaaaatgt gaagctgtga 60  
 taggtcattg taatgtaaaa tttgttaaga caacaacatc agtttttggg cggatatgat 120  
 atttattgtg taaatttgcg gatggaggac aggaccagag acagaatcag caatatacat 180  
 gctataggga agga 194

<210> 8750  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 8750  
 aggtgcatgc tggatgatag gatgaatttg aatgaatggt atctcctgag aatgggcaga 60  
 cactagaaca tgaccttctg gacttacaga ctggcgatgt gaatacaaaa taatgtgtcg 120  
 agatgtgatc gacaatggta ttccactgag gggactaca gtcagacaag atatgacgaa 180  
 gatgtgtgag ggagtgggga ggaagatgag aaagtagtgg tattatccga acacagtaga 240  
 attggtgcaa tttgctgata tgaaatggtg gatacatgct agattcaagt gtgatgagaa 300  
 ttggtactag ggatggaaaag tcaactgctaa gattgcaagt gagtgagagt ggtgagccag 360  
 atgctctgga ctgcgtcata acatggactt gtgcaaatga ta 402

<210> 8751  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8751  
 cagaattata taataactaat gcgtatgtga tgtgagacgg tagctgctgt cagacggcat 60  
 cactgtgaat tcagatgcaa agaggaactg ttgatottga tgccataacc tctgatcaga 120  
 atcttgacat actgtcatga gacactatag ggtacgttat ca 162

<210> 8752  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 8752  
 agataactat ggggttaaaag agagagtggg ttttttatac atgattggat acagtgggat 60  
 tgaccatcag ctgactagga gataatataa caggctgttg aaagtgattg ttttttgaag 120  
 atagaggata tgagattttc tgctgatctt ataatgggtgt gatgtctgat atcttgtgtt 180  
 cgctgttatt gtta 194

<210> 8753  
 <211> 162  
 <212> DNA  
 <213> Homo sapiens

<400> 8753  
 acacactgcc actggctttt gctgtccacg gccatgacag accgacgcag cgagctttct 60  
 ctcaaaagca atgcttaaatt tttattcata atatactgac tgcaacaaca tcatgaaaat 120  
 acaaaaaaaaaa aaaaaaaaaa gacttgtaca tgaacagagg cg 162

<210> 8754  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 8754  
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 cctctgggtg gtgctctcgc tcgtcagtcg gaagcgtctt tcacgatacc tttggtaatc 180  
 ctgctccttc tgaatctgtt ccacctgac aagcaactgg cgggagcgga gctgtagctc 240  
 cgacagatta tcttttgaag aaatctcagg gtagtagtag gaatgctccc caaactggat 300  
 gtagagatga caccgaagtt tgacaacaga gaagagagcc atcctgatag aataggagtg 360  
 aagacagata tgatggtcac cgggagtggt ggaggtgaaa gtgaagagga actcagagca 420

gataatgacc gggaggaaga acgaaataaa tagagaataa gaagac

466

<210> 8755

<211> 496

<212> DNA

<213> Homo sapiens

<400> 8755

gagtgagcct cctcaccctt ctctgctctg ctgatggggg cttttggaca gcaaggcata 60  
 gagcagaaaa cgtgaacact gctacccttg gtgaaaaact gtgtgacctt gagcaagtcg 120  
 gtctcgctca gtctctttcc tcagctgggg ataaaaattcc tacttcacag gactgtaaag 180  
 attaagcaag gcaagggata tgaaagtgct tagcacataa taggggaaca atatatcctg 240  
 tatctgagta tggataggag tgtggagatc atccagggtg agaggagaa gagtggatta 300  
 aagacagtca gtgggattaa gtgtctaccc tgaccttgct tctctacatt tccttttcat 360  
 cttgaaagaa gttggagggt gcaaaaatat taagaagggt gatcagaatg acttggggac 420  
 tgaaatttgt gagggaagag acaggctgtg caccttctag aatggattta tctcttttat 480  
 gactaccaag aaggga 496

<210> 8756

<211> 258

<212> DNA

<213> Homo sapiens

<400> 8756

cataggtgct tactatactg ttttgtttct gaatttggaa tttctcaaaa ttaaaaaaat 60  
 atctactgag gagcttttctg ttttaactgg tggggaatgg gttctgggtg gttttgcccc 120  
 ttgttttttt agattcaaga aatccatggt gaaagggttg gtattctatg aagaatagga 180  
 ggataaagtg atcaaggaga tggcagctca gatgcgcgag gtggagcaga gccgacagga 240  
 agtgggcgtg tccgctct 258

<210> 8757

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)..(551)

<223> n = A, C, T or G

<400> 8757

aggtacacat tgccatgaga tggcactttc tgaggatact cactaaaact gagtttcttc 60  
 attagaaaaa tctcactttt tatcatcatc tcagtgcctg gtattgggtgc ccttangtct 120

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gtgaacagca ttgcgttatg ccagtaaatg aatacttaaa tcaataattg cattctcagc   180
agtcctctta gtctttgttt gtttgtttgt ttttcacagt tgaattgcaa tgtagctgtt   240
tggcagagggc attaacatth ttgccctaac cctggcctgg tgcctangct caggggagta   300
aaattagagc caggagccag ngagctgagg agaccactta aaaggcatgc tagcatttga   360
taagtaaggg gttactttgt gaggaaga aactttatat gctttaagca agcctcttta   420
tgaggaagaa aaggtcagct actgaagcgg ggtcccaact actgctgggt ctgtagagga   480
gagagacacc cccaaaatcc agatgtttta gttaacaatc agacacagac ttgtctctgg   540
tttcttacag g                                                    551

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<210> 8758
<211> 466
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)..(466)
<223> n = A, C, T or G

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<400> 8758
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nnatgggggn cttttggnac agccaaggnc ataggancag gaaaacgtga aactgctac   120
ccctggtgaa aaactgtgtg accttgagca agtcgggtctc gctcagctctc tttcctcagc   180
tggggataaa attcctactt cacaggactg taaagattaa gcaaggcaag ggatatgaaa   240
gtgcttagca cataataggg gaacaatata tcctgtatct gagtatggat aggagtgggg   300
agaatatcca gggtgagagg gagaaaaatg gattaaagga caagcagggg gattaaatgt   360
ttaacctgac ctggtgtgtg tatatgttgt tttgaattag aaagaaattg gtggtgggaa   420
aaatattagg aagggtgaac agaaagacat gggggcaggc atatgt                466

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<210> 8759
<211> 450
<212> DNA
<213> Homo sapiens

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<400> 8759
tgatttctaa agtaagcctc agaatttcca aaccaattca tccacagctg tttctgggct   60
ggttttaaag tagctgctac agaatcatga ggctttccct ttttatcaaa tacgaaaaac   120
atthtttaaaa ttctgcacac ccagtgatca tcttttgtgc gggaaagcaa gatgatgatg   180
gatgatttta ttcatccttt tagtaaagac acaaaacatt tttctcaaca tttgtacagt   240
tctgaaaaaa acctggtcac caaaaatatc ttctctgcta attcagcaat tcttgggctc   300

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cagttagggg agctgggggc tcactttctc ccaggattgt gggcttctct ggaagtgaag 360  
 ggtgaggaat gagtgggggtg tcgagcccag ccctggctgc ctgtgggttt gggggagggg 420  
 gcgagggatg aggtgccctg gcagatggca 450

<210> 8760  
 <211> 530  
 <212> DNA  
 <213> Homo sapiens

<400> 8760  
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 gcatttgcaa ggcttgagcc aagctgtgct gcgacacact atcaggagtt acttgatcct 120  
 tcccgccaga agaaacttat gttgggagat caacaccagc tagtgggcgt ctctataaag 180  
 cctcaacgta tagaacagat ttcacatgcc cagaggctgt tgagcaggct tcatgtgcgc 240  
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 tgtcactcat ttttatcctg gctgttgatc atctgcctaa tgaattattt tttgcttccc 360  
 aaactccatt gtctcattct caatgcttat gttattgctc ttattatttc cgctgcataa 420  
 atcagaaaaga actcaaaaaa aaaaaaaaaa aaaaaattgg ggggcggaag cttattccct 480  
 ttagtgaagg ttaattaaag cttgggactg gccggagggtg tacaaagtcg 530

<210> 8761  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(690)  
 <223> n = A, C, T or G

<400> 8761  
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 agacacaggg taagagcaaa gacaatgtgg ctgtggccga tgtccacctc ctcggggcgt 180  
 cccttctctt ctctcctcct tgagcaggga gaccatcggg gtgcaacctg gttggggcgg 240  
 ggaggagggtg cagggcctgg ccagagcggg cctggccacg ggcaagggac agcgaccccc 300  
 gggccaggac aggtgagagc ggcgcaggcc cgggcccggc gtggcgaggg tgcgcgtgag 360  
 cggnacagcag agggcgccag agagccagga gcggcccgca gaggagcccg cgccggcccc 420  
 ggtgccacc tccgcgcgc gcggaccctc cgagcccgcg ctccagacgc ccagctccgc 480

cgagagggcg cttgcgccgg gtccttctcc cccaaatgca ggagagccc ccggagccat 540  
 gggcaggcct tccggcagct ccaaagccac tggcaagccc cgaaggcagg atggccggcc 600  
 caggagggag gaggacgacg tcccctcccg aagagaagaa gctgcggctc ttgctggtag 660  
 gggggaagcg cacagcccca ggaactggaa 690

<210> 8762  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 8762  
 atagattttc aaaatgtcta aaaagtgcag tttgaattgt tacatgttaa tacacagttg 60  
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 tggtagccct ccctgcaaag aaaaaagag tcattaaagc actacaatat tacacataaa 180  
 ctgatccatc taggtcagct ttagtcagga ccggagaatc agcaaacata agaaaaacaa 240  
 aacctaggaa tacatacaaa agctctcatg gggtagctaga accctcttag actggtagtg 300  
 tatgtggagg gcattaagag ctggaaaggc gtatatgggt aactaccgtt aactatattc 360  
 tacagcaagg gctggggggg cagaacaagg tgaagggtggg tggttattag ggtaggga 418

<210> 8763  
 <211> 632  
 <212> DNA  
 <213> Homo sapiens

<400> 8763  
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 aagacaaatg catatgaaat ctacaactta taaggaaaga aaataccaaa ttagttctat 180  
 cagtcctcta aactacagaa gaacattatt ttacctagt gtgcatgtac acacacacac 240  
 acacacacac acacaaatat ttaatgcttt taagtacatt tttaaaaaaa atctaaacaa 300  
 tactttgact agtcttttcc tctaatatt atatatagac tgaagttttt gaaaataaaa 360  
 gtagctgagc caatgaaatg ctttagcatt gtatttttac catcaagcac tgtagcag 420  
 gctgtatttc ccacttttct tcattgatat caggagcaag cactagaaat atagaaaata 480  
 aatataaaat aatcacaggt tottaacctt atttttttca gtctttatca gcttcacgta 540  
 gagagctgct cactgtgtta tagcactttt taagttgcaa agccttgtca tatacattat 600  
 aatttgatt cctctaagca agtcaagggg cg 632

<210> 8764  
 <211> 450



<212> DNA  
 <213> Homo sapiens

<400> 8764  
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 ccagagacct tacctgttca cttggctctc ccaaccaatg gagatggctc caatgggtggc 180  
 acaaaccagg gaagggaaat ctgaggttta attcctttat gcctcattct ctgagtgcctg 240  
 aaggcttgct gtaggcctgt atgcctgtta aatgctaaat tgtgataggg gtttttgcct 300  
 tccaatgaac tccacatat ttacatttta ccagtgtatg atgccctggt actagcattg 360  
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 ttgtctggga taaaactata gtactttcaa 450

<210> 8765  
 <211> 562  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(562)  
 <223> n = A, C, T or G

<400> 8765  
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 ccagcctcgc atgcacttct gacaacacac ctgtccatca cagacactgc cagctgctct 180  
 gtgtgtatcc atgtgtgtga gccagtgggtg ctggcgggca gcggaacgat cgtccgtgat 240  
 gctagaccga acatgcacgg gcacgcatct cctggcgtgt gagtggaggc tgtcagaggg 300  
 gcggacggga gtgagggcat gtgtctgcat gggactgata gggacagaga aacagtggca 360  
 gacttgggcy atacatagct caccagacaa acatgcaccg tcagatagat agagggtaga 420  
 aagatcaggg agaagagaga gccagcaaa catgcacacc angcagtggc gggagaggca 480  
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 catctaacca accatgccta ga 562

<210> 8766  
 <211> 594  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) .. (594)

&lt;223&gt; n = A, C, G or T

&lt;400&gt; 8766

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cattgccatg agatggcact ttctgaggat actcactaaa actgagtttc ttcattagaa      60
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gcattgcggt atgccagtaa atgaatactt aaatcaataa ttgcattctc agcagtcctc      180
ttagtctttg tttgtttggt tgtttttcac agttgaattg caatgtagct gtttggcaga      240
ggcattaaca tttttgccct aaccctggcc tgggtgcctan gctcnaggga gtaaaattag      300
agccaggagc caggangctg aggagaccac ttaaaaggca tgctagcatt tgataagtaa      360
ggggttactt tgtgaggaaa agaaactttt atatgcttta ngcaagcctc tttatganga      420
agaaaaagtc agctactgaa cgggggtccca actactgctg ggtttgtaga ggagagagac      480
acccccataa tccagagggt cagttaacaa tcagacacag acttgtctct ggtttcttac      540
agggtgacag cagtattcgc tattttgaga tcaccgatga aaaccccggc accc      594

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&lt;210&gt; 8767

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) .. (754)

&lt;223&gt; n = A , C, T or G

&lt;400&gt; 8767

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actatattta ggcaccactg ccataaacta ccaaaaaaaaa aatgtaattc ctagaagctg      60
tgaagaatag tagtgtagct aagcacggtg tgtggacagt gggacatctg ccacctgcag      120
taggtctctg cactcccaaa agcaaattac attggcttga acttcagtat gcccggttcc      180
acctccaga aacttttgtg ttctttgtat agaatttagg aacttctgag ggccacaaat      240
acacacatta aaaaaggtag aatttttgaa gataagattc ttctaaaaaa gcttcccaat      300
gcttgagtag aaagtatcag tagaggtatc aagggaggag agactaggtg accactaaac      360
tccttcagac tcttaaaatt acgattcttt tctcaaaggg gaagaacgtc agtgcagcga      420
tcccttcacc tttagctaaa gaattggact gtgctgctca aaataaagat cagttggagg      480
tangatgtcc aagactgaag gtaaaggact agtgcaaact gaaagtgatg gggaaacaga      540
cctacgtatg gaagccatgt agtgttcttc acaggctgct gttgactgaa attcctatcc      600
tcaaattact ctagactgaa gctgcttccc ttcagtgagc agcctctcct tccaagattc      660
tggaaagcac acctgactcc aaacaaagac ttagagccct gtgtcagtgc tgctgctgct      720

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tttaccagat tctctaacct tccgggtaga agag

754

<210> 8768

<211> 730

<212> PRT

<213> Homo sapiens

<400> 8768

Met Asp Gly Leu Gly Arg Arg Leu Arg Ala Ser Leu Arg Leu Lys Arg  
1 5 10 15

Gly His Gly Gly His Trp Arg Leu Asn Glu Met Pro Tyr Met Lys His  
20 25 30

Glu Phe Asp Gly Gly Pro Pro Gln Asp Asn Ser Gly Glu Ala Leu Lys  
35 40 45

Glu Pro Glu Arg Ala Gln Glu His Ser Leu Pro Asn Phe Ala Gly Gly  
50 55 60

Gln His Phe Phe Glu Tyr Leu Leu Val Val Ser Leu Lys Lys Lys Arg  
65 70 75 80

Ser Glu Asp Asp Tyr Glu Pro Ile Ile Thr Tyr Gln Phe Pro Lys Arg  
85 90 95

Glu Asn Leu Leu Arg Gly Gln Gln Glu Glu Glu Glu Arg Leu Leu Lys  
100 105 110

Ala Ile Pro Leu Phe Cys Phe Pro Asp Gly Asn Glu Trp Ala Ser Leu  
115 120 125

Thr Glu Tyr Pro Ser Leu Ser Cys Lys Thr Pro Gly Leu Leu Ala Ala  
130 135 140

Leu Val Val Glu Lys Ala Gln Pro Arg Thr Cys Cys His Ala Ser Ala  
145 150 155 160

Pro Ser Ala Ala Pro Gln Ala Arg Gly Pro Asp Ala Pro Ser Pro Ala  
165 170 175

Ala Gly Gln Ala Leu Pro Ala Gly Pro Gly Pro Arg Leu Pro Lys Val  
180 185 190

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Ser Lys Asn Pro Pro Ala Glu Val Thr Gln Val Gly Asn Ser Ser Thr  
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Cys Val Val Asp Thr Trp Leu Glu Ala Ala Ala Thr Ala Leu Ser His  
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Lys Ile Leu Phe Leu Tyr Val Ser Leu Ala Phe Thr Met Gly Lys Ser  
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caatcagagc catcccgaaa aaaaaaaaaa aa 5252

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&lt;210&gt; 8828

&lt;211&gt; 5252

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
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 <223> Masked repetitive sequence from Repeat Masker

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 <212> DNA  
 <213> Homo sapiens

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 aagtgttcct ctaaattaga aaggcatcac tactaaaatt ttatacatat tttttatata 120  
 agagaaggaa tattgggtta caatctgaat ttctctttat gatttctctt aaagtataga 180  
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 ccagtaaaga tgtgggagaac cagtaaactg tcgaaattca tcacattatt ttcatacttt 720  
 aatacagcag ctttaattat tggagaacat caaagtaatt aggtgccgaa aaacattggt 780  
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<210> 8830  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (94)..(121)  
 <223> Masked repetitive sequence

<220>  
 <221> misc\_feature  
 <222> (569)..(604)  
 <223> Masked repetitive sequence

<400> 8830  
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 aagtgttcct ctaaattaga aaggcatcac tacnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

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cgggtggaatg cccaaaaatg gtgttaagat atgcagaagg gcccatctca agcaaagcaa      300
tctctccacc ccttcataaa agatttaagc taaaaaaaaa aaaaaaagaa gaaaatccaa      360
cagctgaaga cattgggcta ttataaaatc ttctcccagt ccccagaca gcctcacatg      420
ggggctgtaa acagctaact aaaatatctt tgagactctt atgtccacac cactgacac      480
aaggagagct gtaaccacag tgaaactaga ctttgctttc ctttagcaag tatgtgccta      540
tgatagtaaa ctggagtaaa tgtaacagnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      600
nnnncctttt tctccaacaa acggtaaaga ccacgtgaag acatccataa aattaggcaa      660
ccagtaaaga tgtggagaac cagtaaactg tcgaaattca tcacattatt ttcatacttt      720
aatacagcag ctttaattat tggagaacat caaagtaatt aggtgccgaa aaacattgtt      780
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a                                                                              841

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<211> 63
<212> DNA
<213> Artificial Sequence

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<220>
<223> T7T24 Primer

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<211> 1010
<212> DNA
<213> Homo sapiens

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<220>
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<222> (213)..(213)
<223> n = A, C, G or T

```

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<220>
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<222> (491)..(551)
<223> masked repetitive sequence

```

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<220>
<221> misc_feature
<222> (601)..(601)

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<223> n = A, C, G or T

<220>

<221> misc\_feature

<222> (761)..(761)

<223> n = A, C, G or T

<400> 8832

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ccaatttcct atcattgtga ctatcaaatt aaaccacagg caggaagttg ccttgaaaac	180
tttttatagt gtatattact gttcacatag atnagcaatt aactttacat ataccggtt	240
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